

Results of the 2016 NRMP Program Director Survey Specialties Matching Service

October 2016

www.nrmp.org

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Questions about the NRMP should be directed to Mona M. Signer, President and CEO, NRMP, at admin@nrmp.org.

Suggested Citation

National Resident Matching Program, Data Release and Research Committee: Results of the 2016 NRMP Program Director Survey, Specialties Matching Service. National Resident Matching Program, Washington, DC. 2016.

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Pediatric Emergency Medicine	246
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Pediatric Nephrology	300
Pediatric Pulmonology	309
Pediatric Rheumatology	318
Pediatric Surgery	327
Psychosomatic Medicine	336
Pulmonary Disease and Critical Care Medicine	345
Reproductive Endocrinology	354
Rheumatology	363
Sleep Medicine	372
Sports Medicine	381
Surgical Critical Care	390
Thoracic Surgery	399
Vascular Neurology	408
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Introduction

In May 2016, the National Resident Matching Program (NRMP) conducted its first survey of the directors of all programs participating in the Specialties Matching Service®. The primary purpose of the survey was to shed light on the factors that program directors use to (1) select applicants to interview and (2) rank applicants for their Fellowship Match. This survey is based largely on the Program Director Survey conducted for the Main Residency Match®.

The survey solicited information on:

- the factors used for both interview selection and for ranking applicants,
- the number of applications received, screened, and reviewed, as well as the number of interview invitations extended and the number of applicants interviewed,
- whether the program typically interviews and ranks specific applicant groups,
- use of test scores in considering which applicants to interview and rank,
- dedicated time for research, and
- challenges faced by programs in recruiting applicants to their specialty.

The survey was sent to 3,807 fellowship program directors and 1,474 responses were received for a 38.7 percent response rate. Response rates among specialties ranged from 0 percent (Oncology, 6 recipients and 0 responses) to 62.7 percent (Pediatric Hematology/Oncology 67 recipients and 42 responses). Specialties for which 10 or more fellowship program directors responded are included in this report. Response rates are listed in the table on the next page. Readers also should keep in mind that Fellowship Matches are conducted throughout the year and that some Match Days occur as long as one year prior to the start of training.

Results are presented for all subspecialties combined and by specialty. Specialty-specific results are included for selected items from the survey. Most graphs display responses to individual survey questions, and numbers of responses are presented. For graphs displaying data from multiple survey questions, the N's are shown. Graphs are suppressed for questions with fewer than three responses.

The NRMP hopes program directors and applicants find these data useful in discussions about and preparation for subspecialty training.

The NRMP's data reporting and research activities are guided by its Data Release and Research Committee. NRMP data and reports can be found at: www.nrmp.org/match-data/.

Response Rates

Specialty	Surveys Sent	Number Responding	Response Rate
Abdominal Transplant Surgery	55	20	36.4%
Adolescent Medicine	24	15	62.5%
Allergy and Immunology	74	22	29.7%
Cardiovascular Disease	185	57	30.8%
Child and Adolescent Psychiatry	103	42	40.8%
Colon and Rectal Surgery	53	18	34.0%
Developmental-Behavioral Pediatrics	34	16	47.1%
Endocrinology, Diabetes, and Metabolism	122	51	41.8%
Female Pelvic Medicine and Reconstructive Surgery	45	16	35.6%
Gastroenterology	151	54	35.8%
Geriatric Medicine	130	45	34.6%
Gynecologic Oncology	41	10	24.4%
Hand Surgery	79	34	43.0%
Hematology and Oncology	130	48	36.9%
Hospice and Palliative Medicine	106	42	39.6%
Infectious Disease	133	59	44.4%
Interventional Radiology	81	30	37.0%
Maternal-Fetal Medicine	73	26	35.6%
Neonatal-Perinatal Medicine	91	48	52.7%
Nephrology	135	45	33.3%
Neuroradiology	73	25	34.2%
Obstetric Anesthesiology	25	10	40.0%
Pain Medicine	84	21	25.0%
Pediatric Anesthesiology	51	24	47.1%
Pediatric Cardiology	55	28	50.9%
Pediatric Critical Care Medicine	63	35	55.6%
Pediatric Emergency Medicine	71	32	45.1%
Pediatric Endocrinology	55	23	41.8%
Pediatric Gastroenterology	54	23	42.6%
Pediatric Hematology/Oncology	67	42	62.7%
Pediatric Hospital Medicine	29	12	41.4%
Pediatric Infectious Diseases	51	29	56.9%
Pediatric Nephrology	41	17	41.5%
Pediatric Pulmonology	46	20	43.5%
Pediatric Rheumatology	28	10	35.7%
Pediatric Surgery	37	12	32.4%
Psychosomatic Medicine	50	17	34.0%
Pulmonary Disease and Critical Care Medicine	136	58	42.6%
Reproductive Endocrinology	34	12	35.3%
Rheumatology	108	52	48.1%
Sleep Medicine	67	26	38.8%
Sports Medicine	143	62	43.4%
Surgical Critical Care	101	36	35.6%
Thoracic Surgery	58	18	31.0%
Vascular Neurology	72	26	36.1%
Vascular Surgery	92	24	26.1%
All other	271	82	30.3%
Total	3,807	1,474	38.7%



All Specialties Combined

Table 1**All Specialties
General Information****2016 Survey**

Number of responses	1,474
Response rate	38.7%

Match Information*

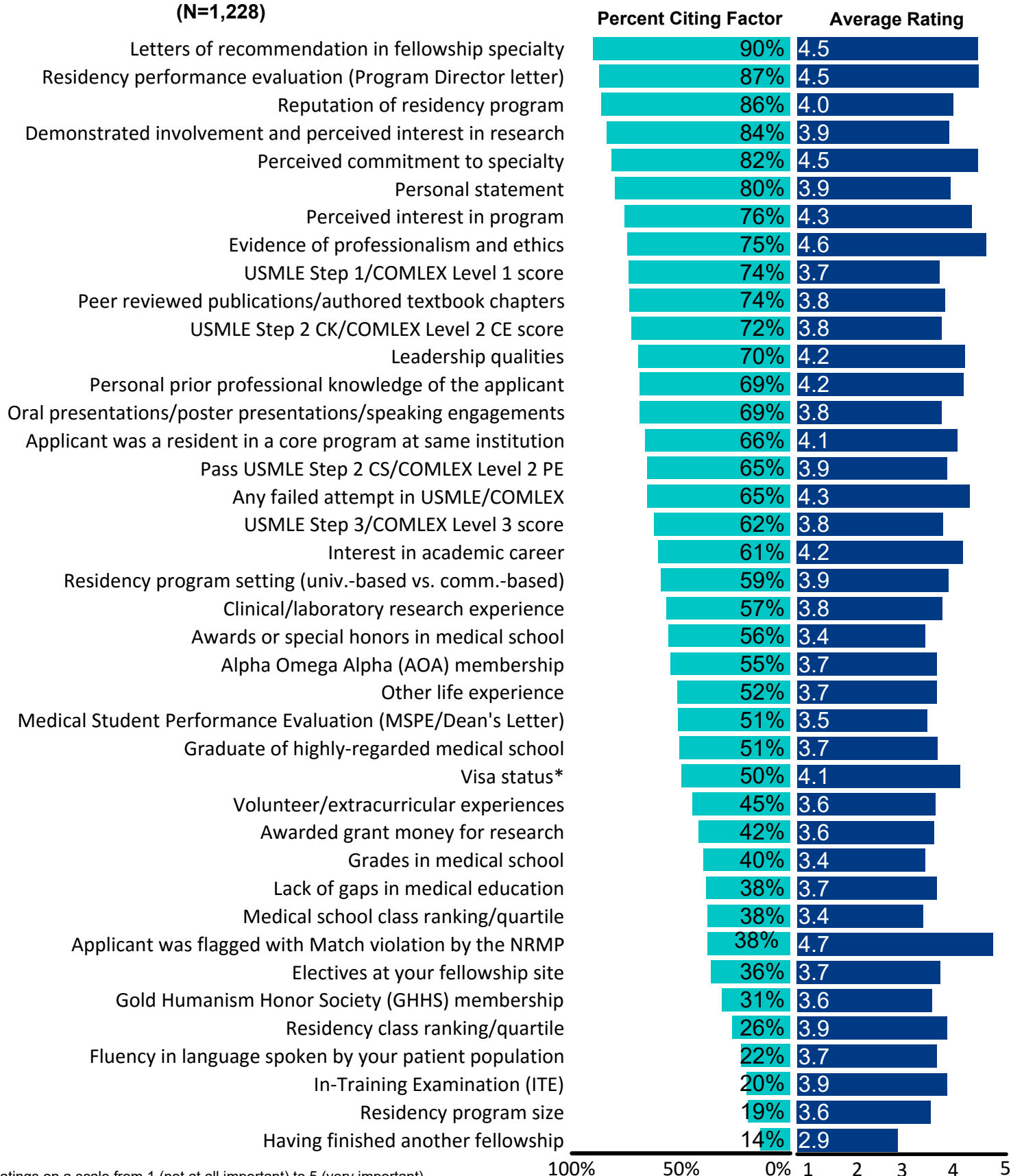
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	4,036	3,674	3,552
Number of positions in the Match	9,320	8,503	8,243
Number of applicants ranking specialty	9,893	9,538	9,297

* Source: NRMP Data Warehouse

Figure 1

All Specialties

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=1,228)



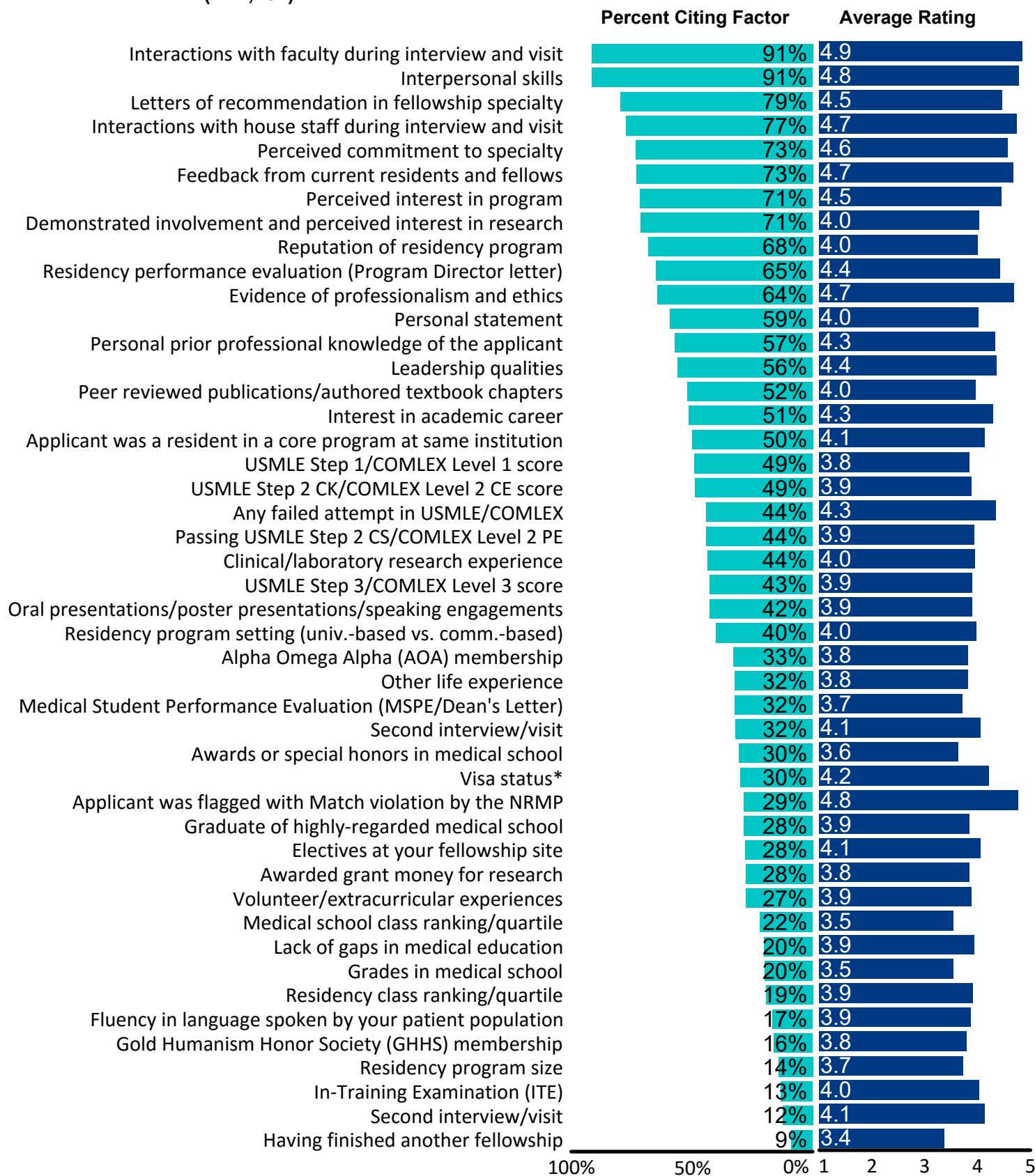
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure 2

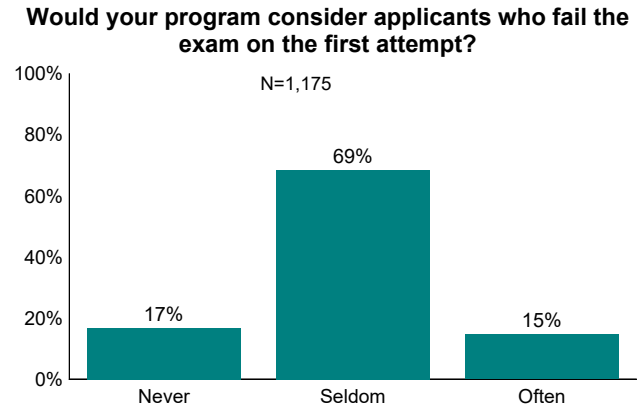
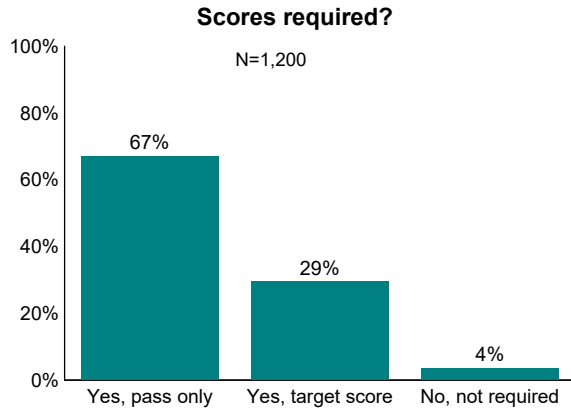
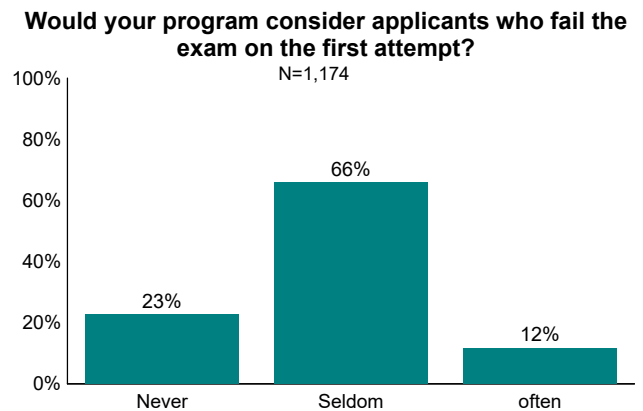
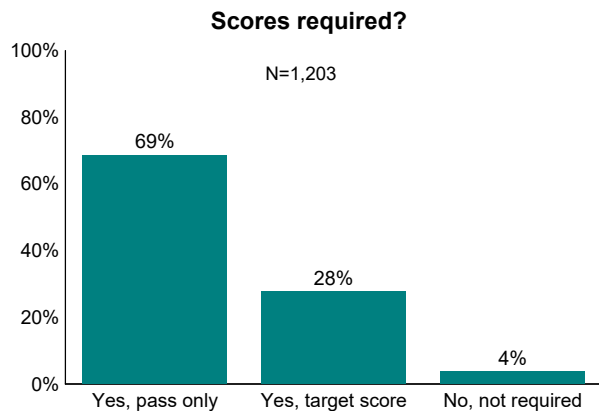
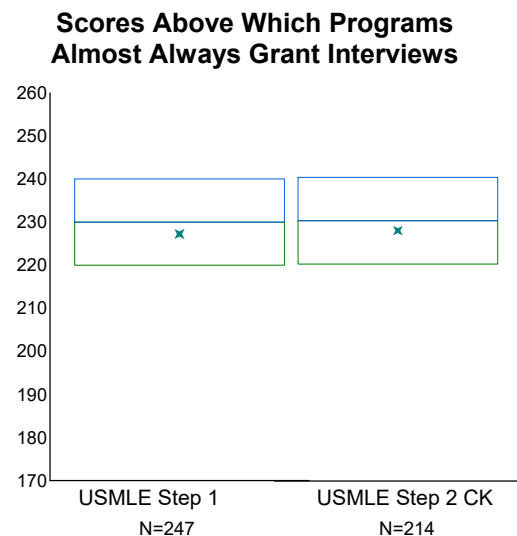
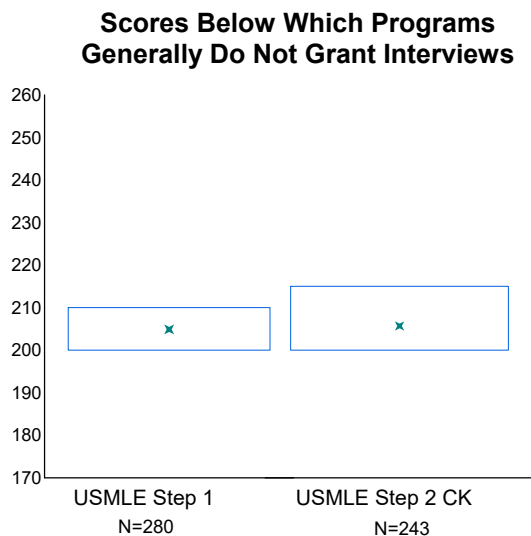
All Specialties

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=1,164)

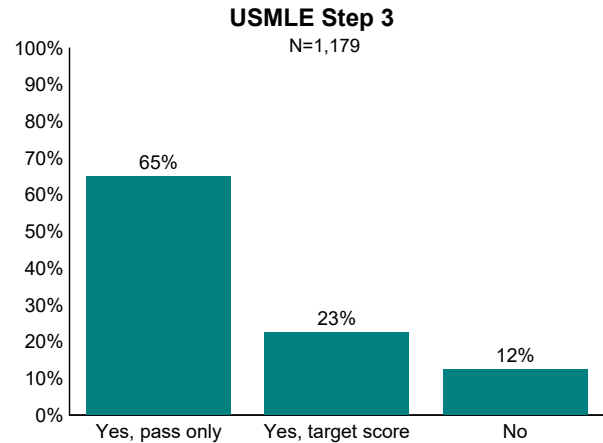
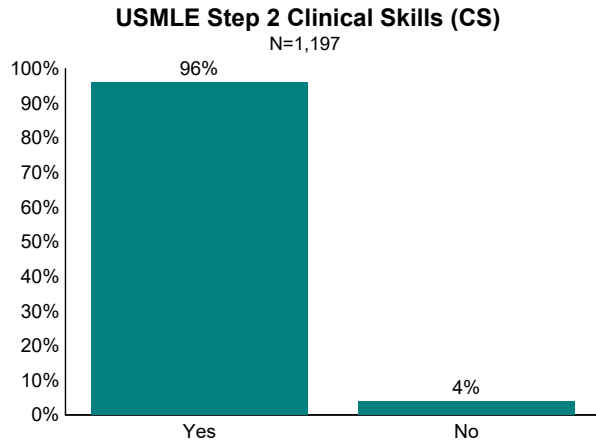
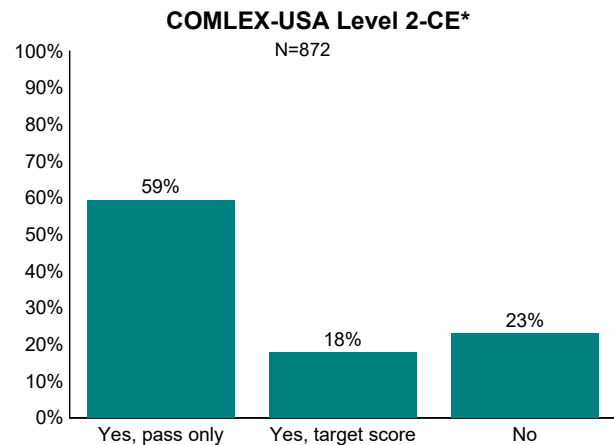
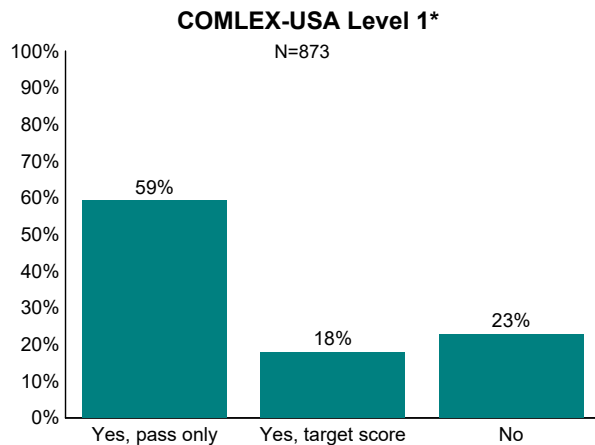
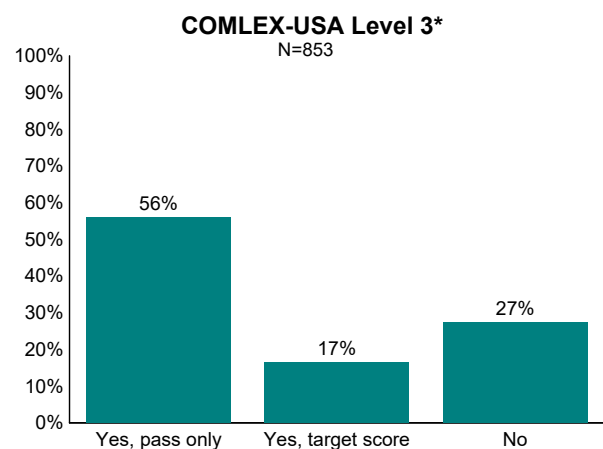
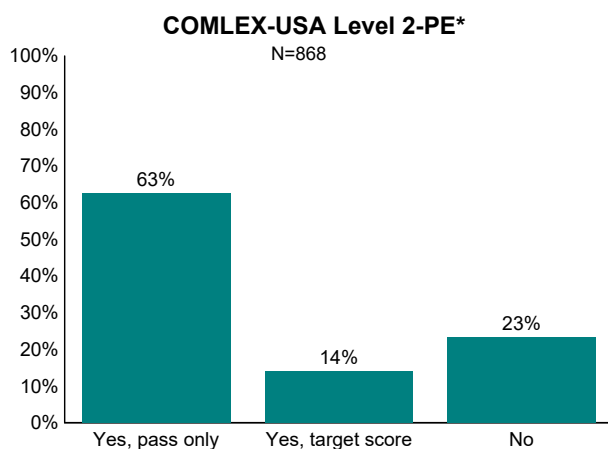


¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure 3**All Specialties****Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When Considering Which Applicants to Interview****Programs That Use USMLE Step 1 Score****Programs That Use USMLE Step 2 (CK) Score****IQR* of USMLE Step 1 and Step 2 CK Scores Programs Consider When Granting Interviews**

*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol in the box represents the mean.

Figure 4**All Specialties****Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview****Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores****Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores****Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores**

* Osteopathic applicants only

Figure 5

**All Specialties
Programs That Use Core Specialty Certifying Examination When Considering
Applicants for Interview**

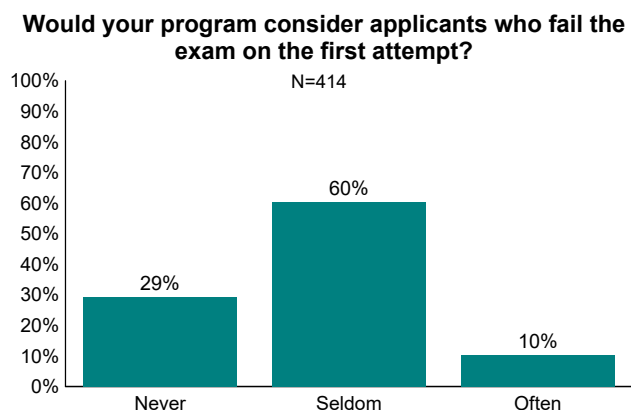
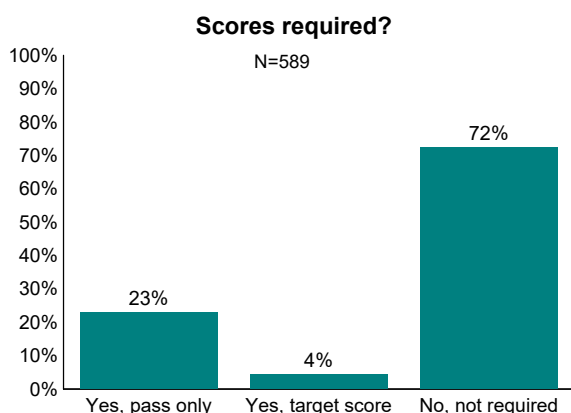


Figure 6

**All Specialties
Program Positions**

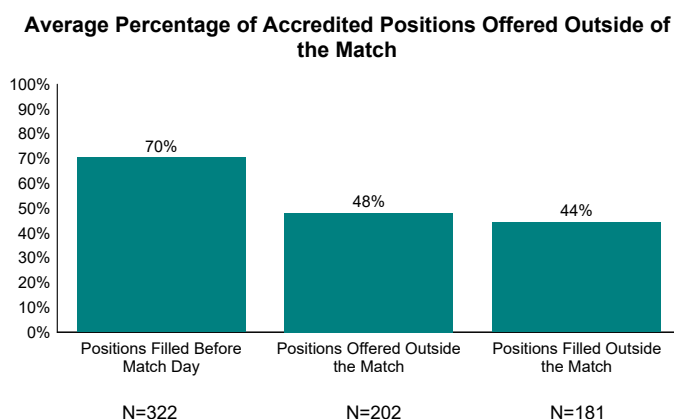
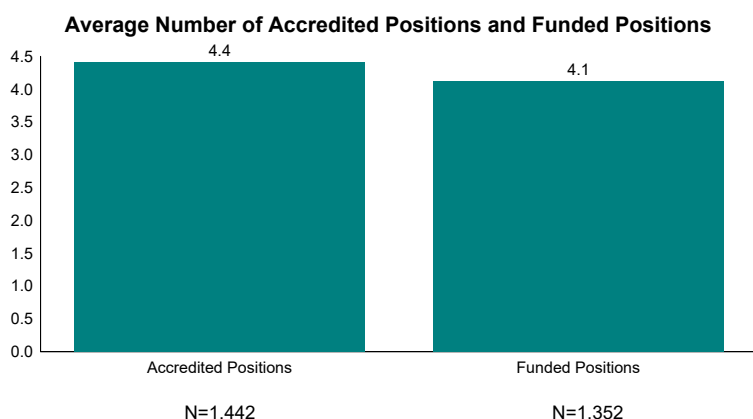
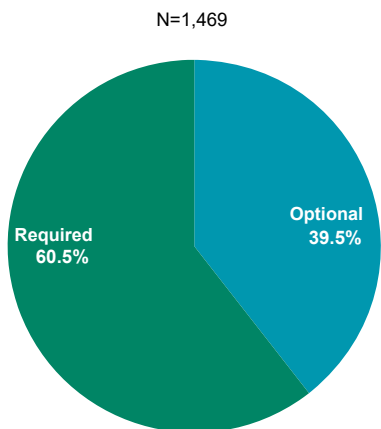


Figure 7

**All Specialties
Dedicated Time for Research**

**Program Requirement on
Dedicated Time for Research**



**Average Number of Months if Research Time is
Required**

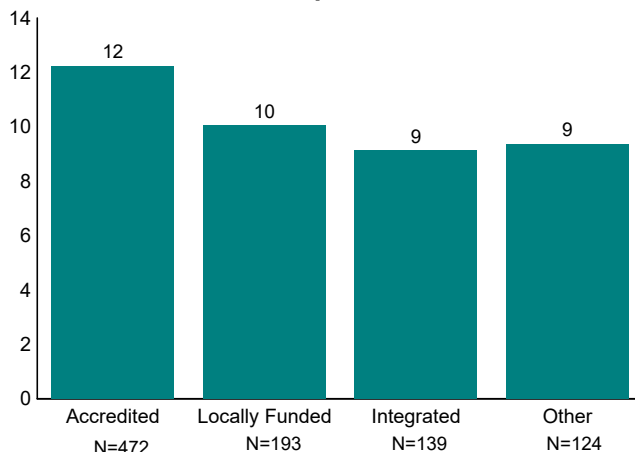
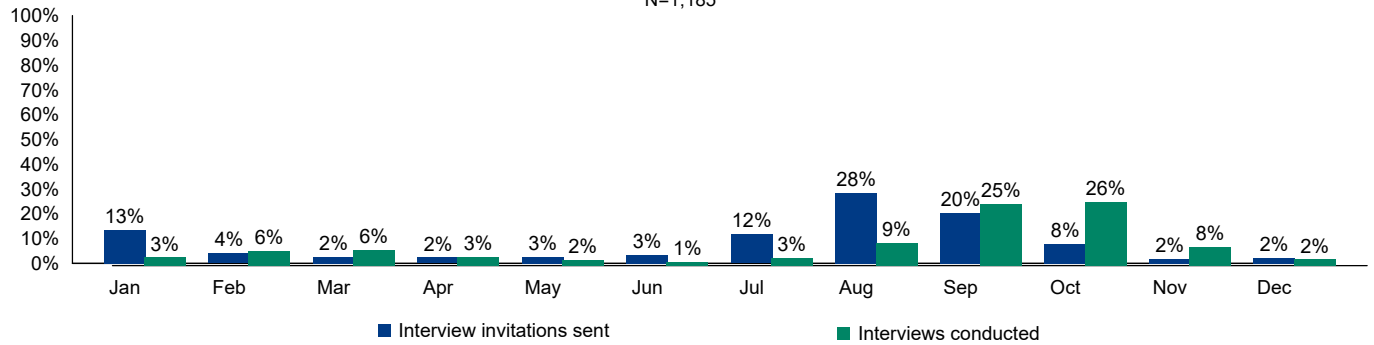


Figure 8

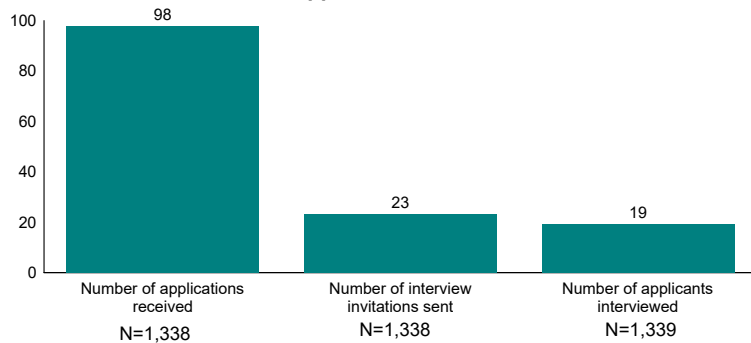
All Specialties Interviews and Applications

Interview Invitations Sent and Interviews Conducted

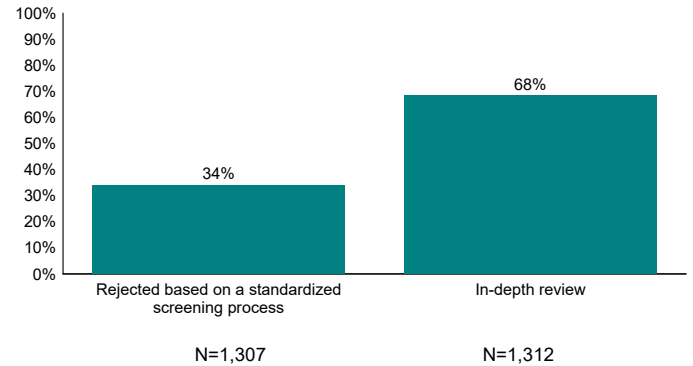
N=1,185



Average Number of Applications Received, Interview Invitations Sent, and Applicants Interviewed

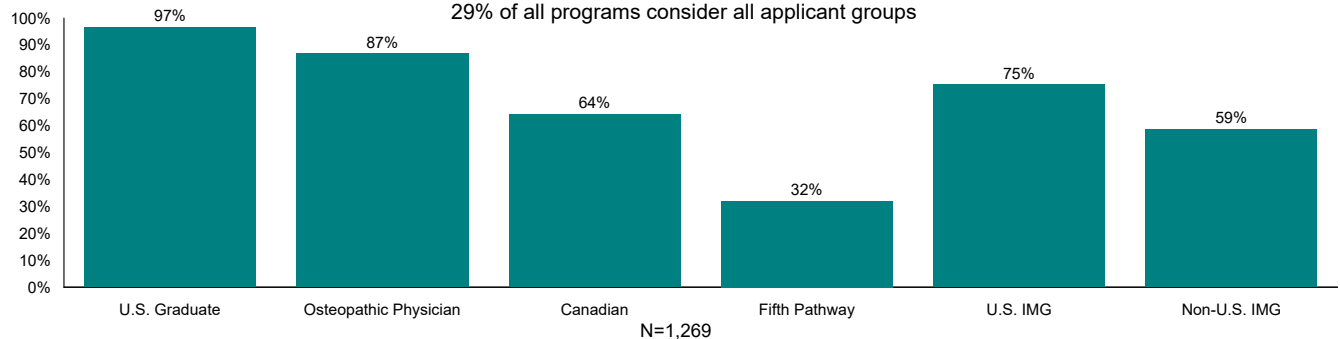


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

29% of all programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

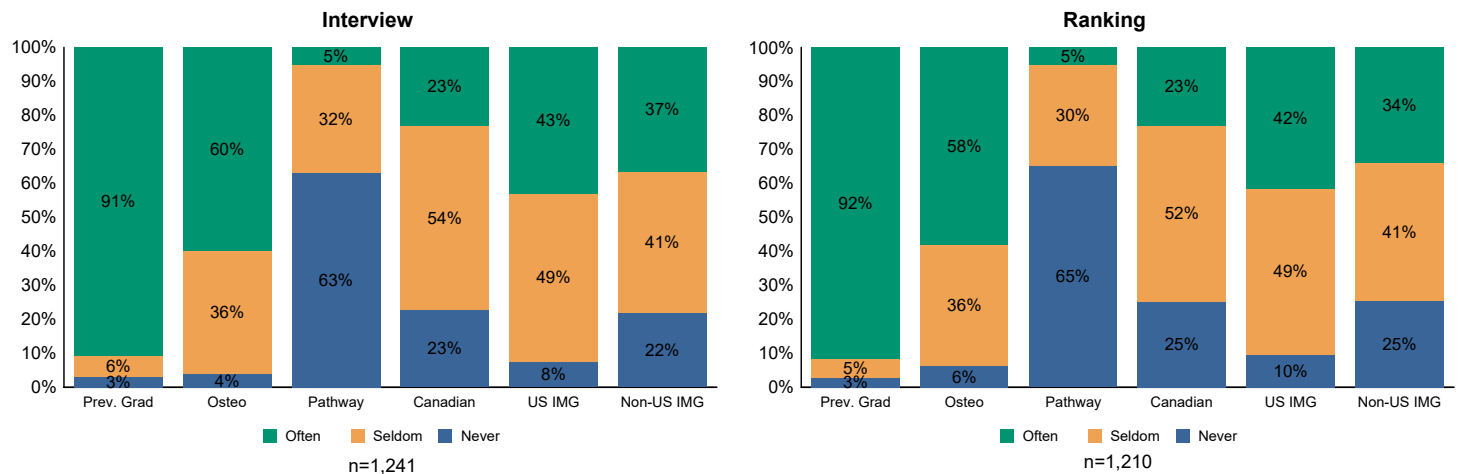


Figure 9

**All Specialties
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=1,117

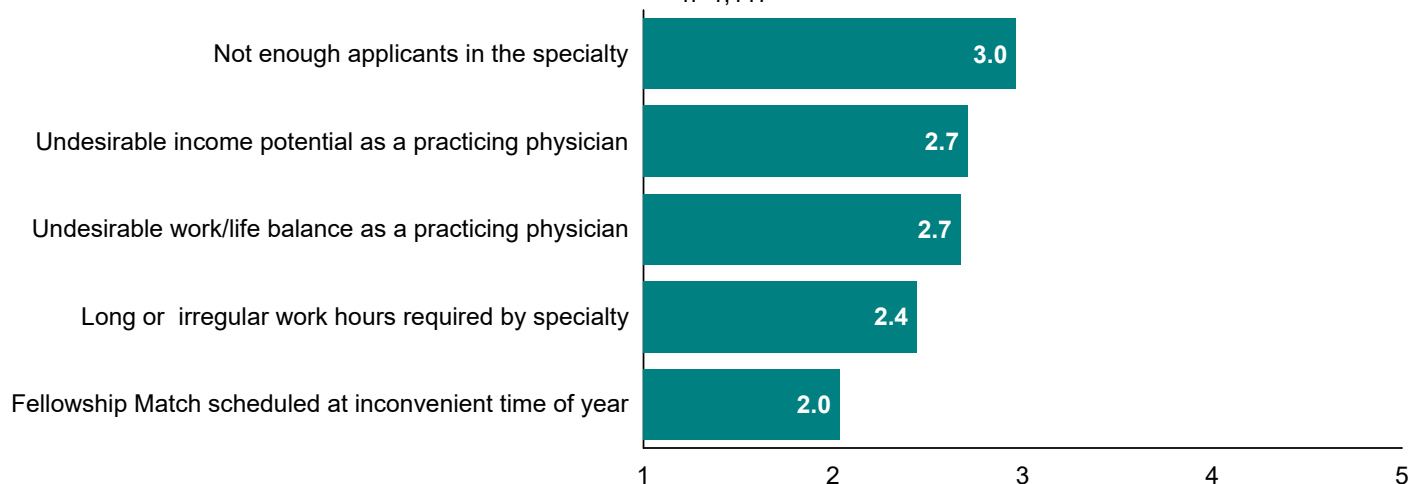


Figure 10

**All Specialties
Applicants Who Applied in the Specialty in the Past but Did Not Match**

n=1,122

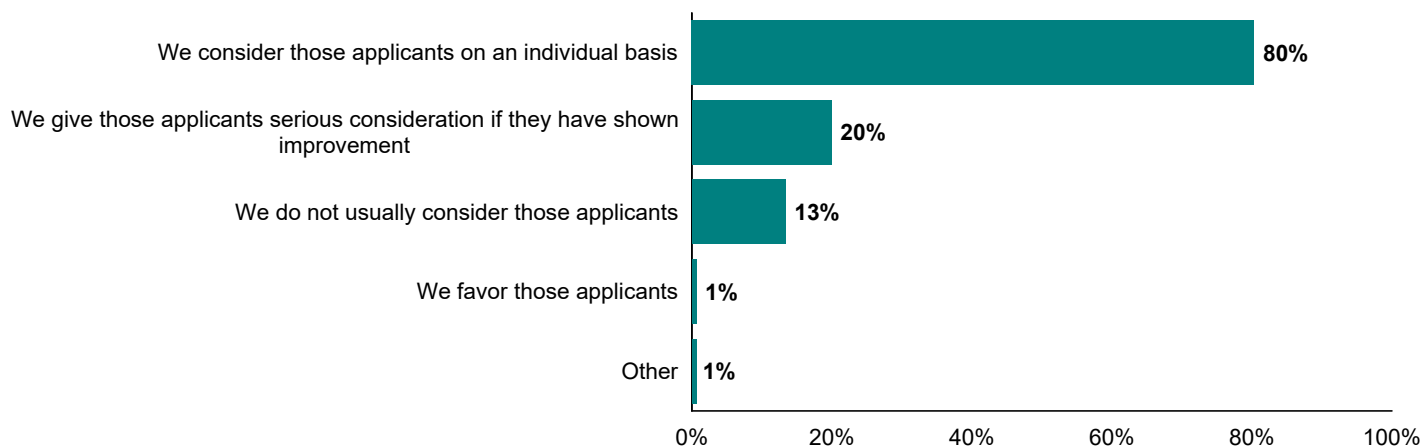
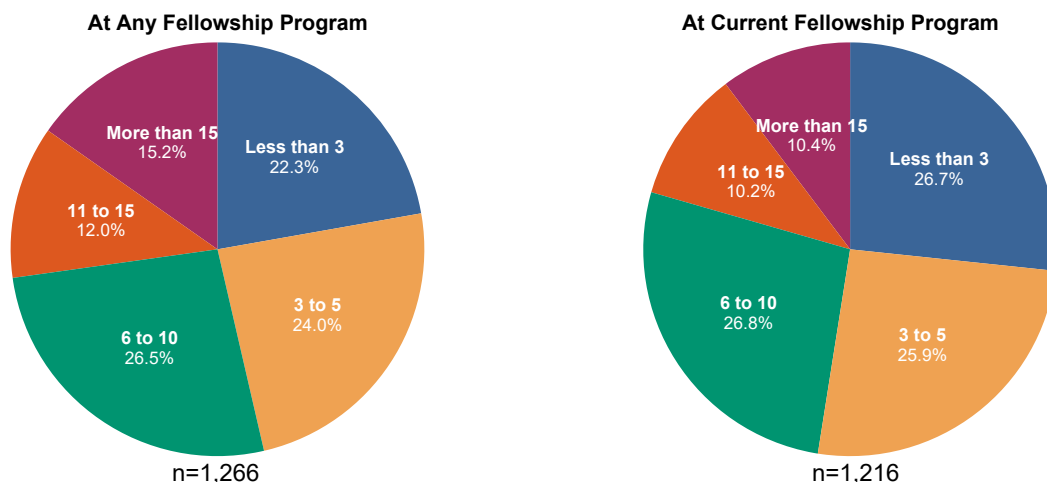


Figure 11

**All Specialties
Number of Years as Program Director**





Abdominal Transplant Surgery

Table 1**Abdominal Transplant Surgery
General Information****2016 Survey**

Number of responses	20
Response rate	36.4%

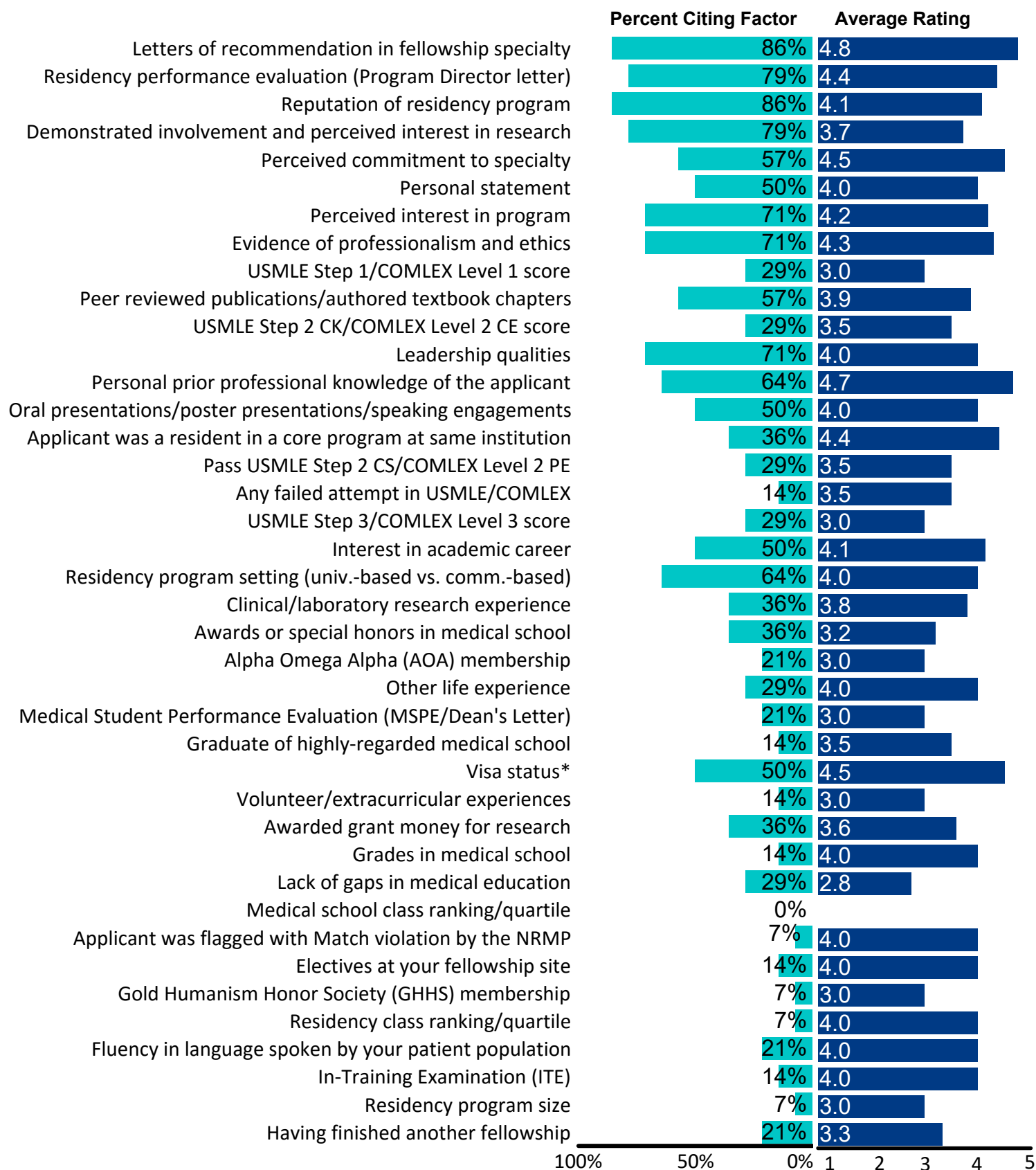
Match Information*

	Appointment Years		
	2016	2015	2014
Number of programs in the Match	64	56	62
Number of positions in the Match	77	70	73
Number of applicants ranking specialty	89	81	98

* Source: NRMP Data Warehouse

Figure-1

Abdominal Transplant Surgery
Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview
(N=14)



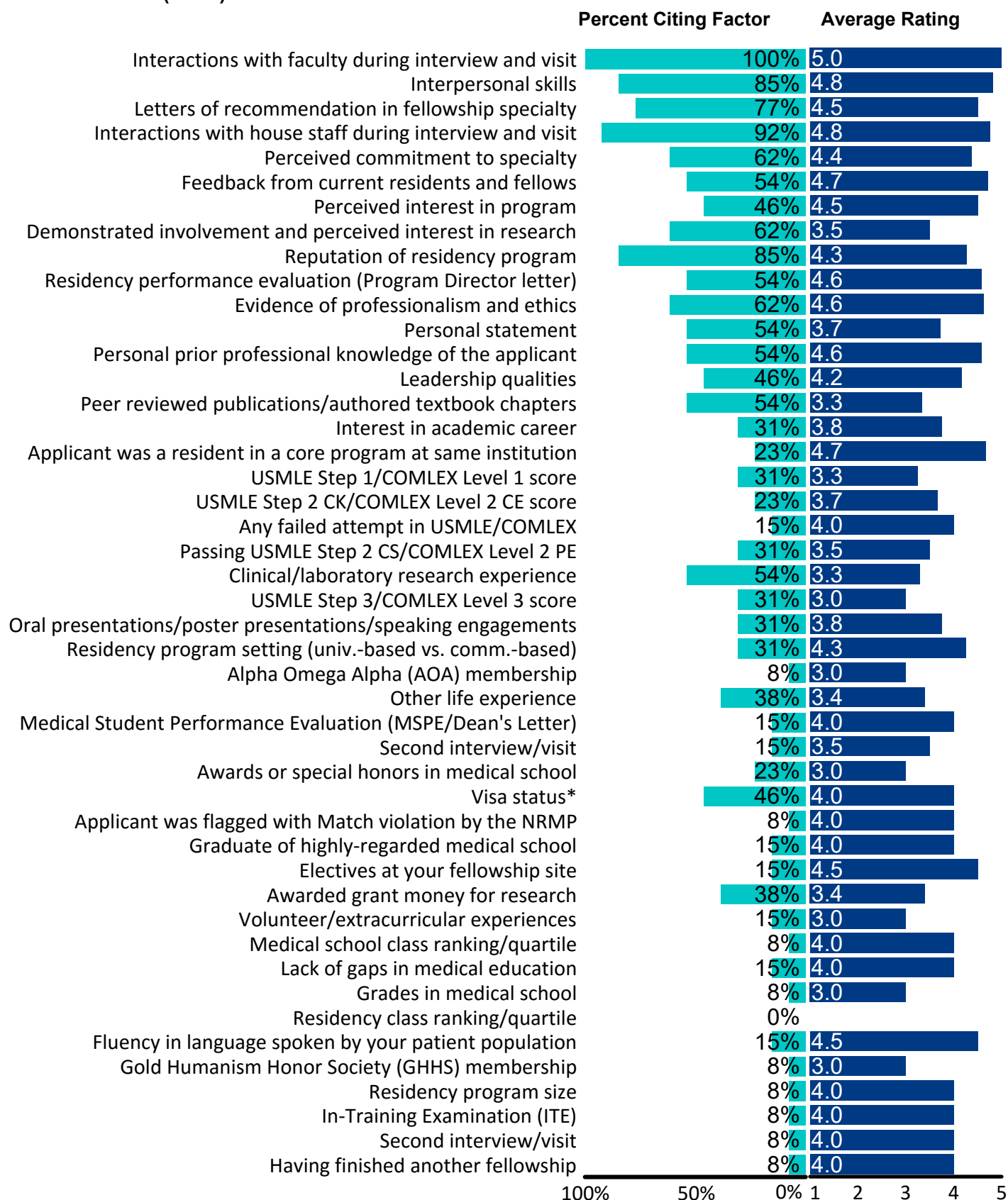
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Abdominal Transplant Surgery

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=14)



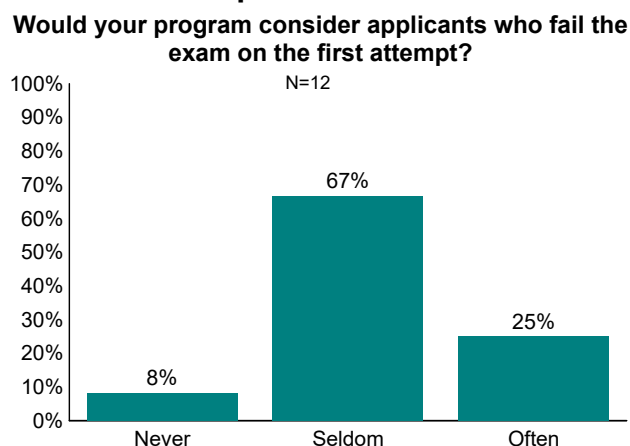
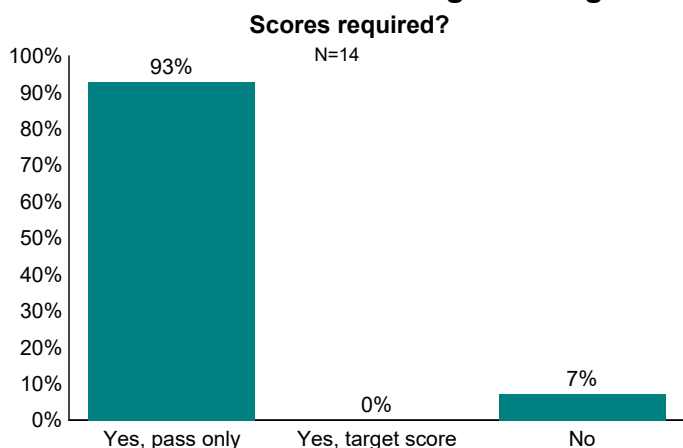
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

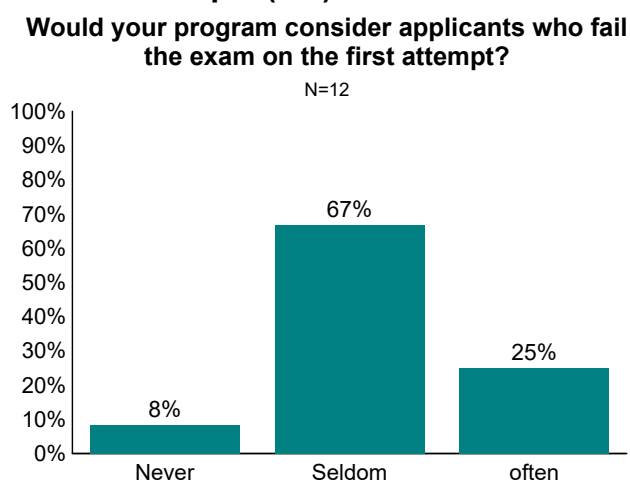
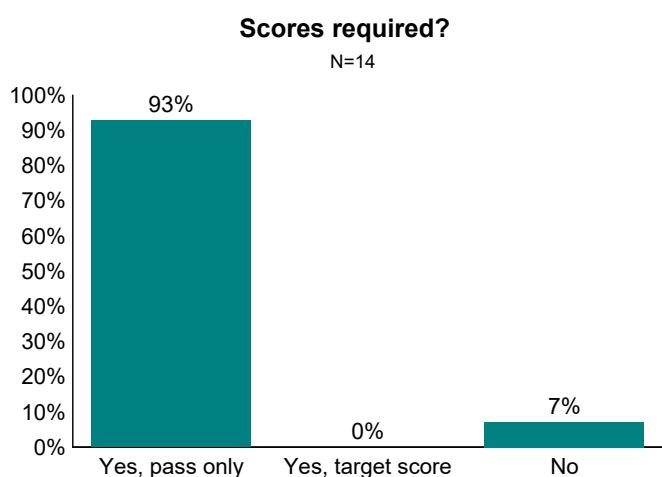
Figure-3

**Abdominal Transplant Surgery
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**

**Scores Below Which Programs
Generally Do Not Grant Interviews**

USMLE Step 1 not
reported because
of low response
rate

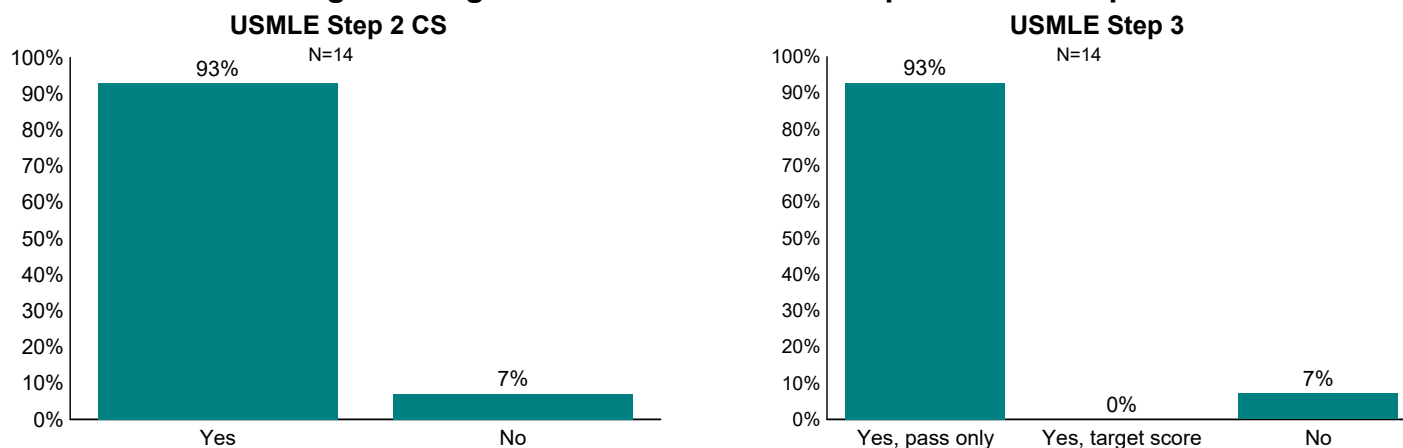
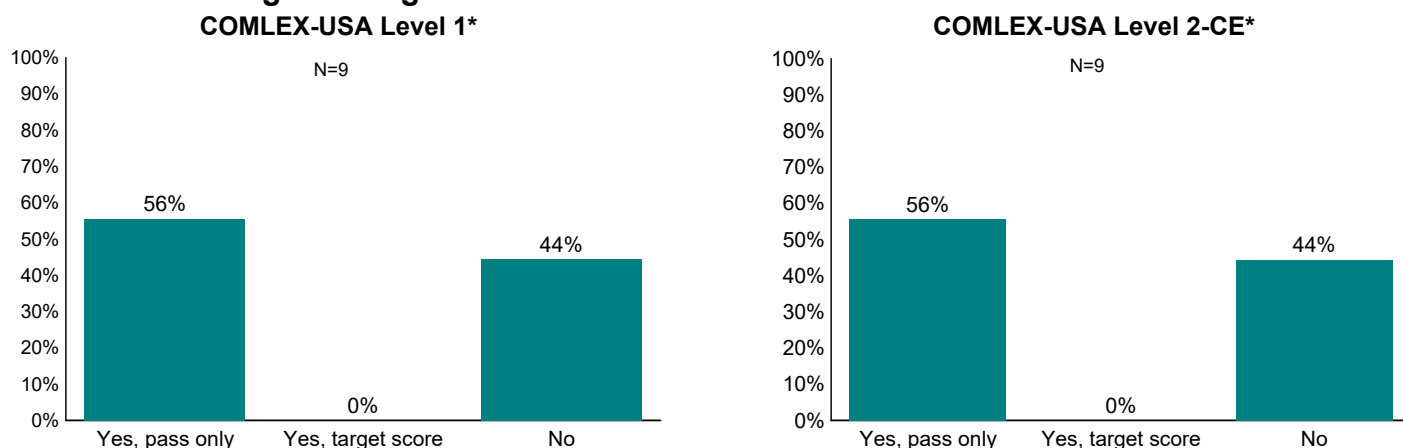
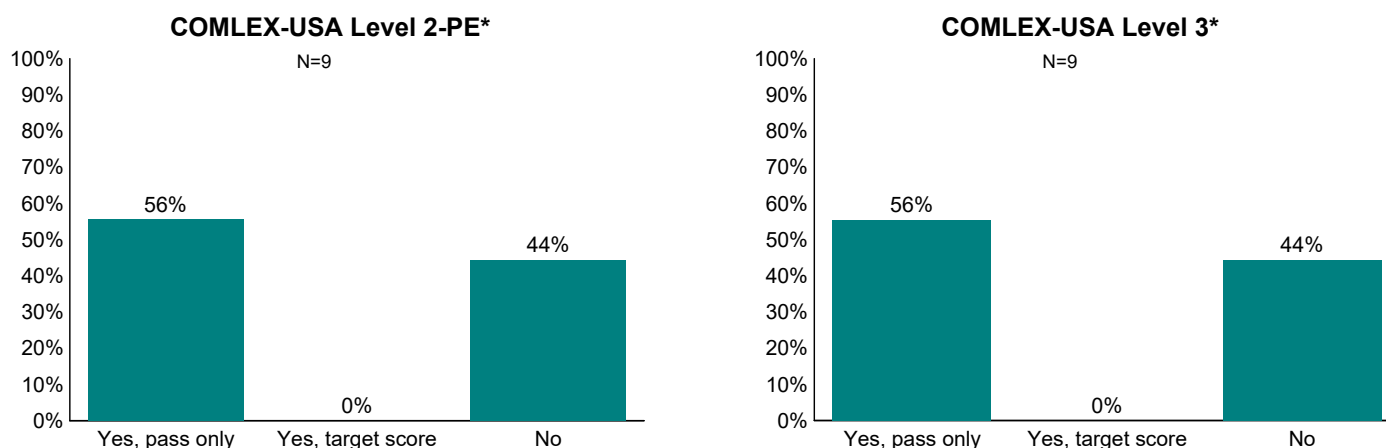
USMLE Step 2 CK
not reported
because of low
response rate

**Scores Above Which Programs
Almost Always Grant Interviews**

USMLE Step 1 not
reported because
of low response
rate

USMLE Step 2 CK
not reported
because of low
response rate

*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4**Abdominal Transplant Surgery****Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview****Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores****Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores****Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores**

* Osteopathic applicants only

Figure-5

Abdominal Transplant Surgery Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

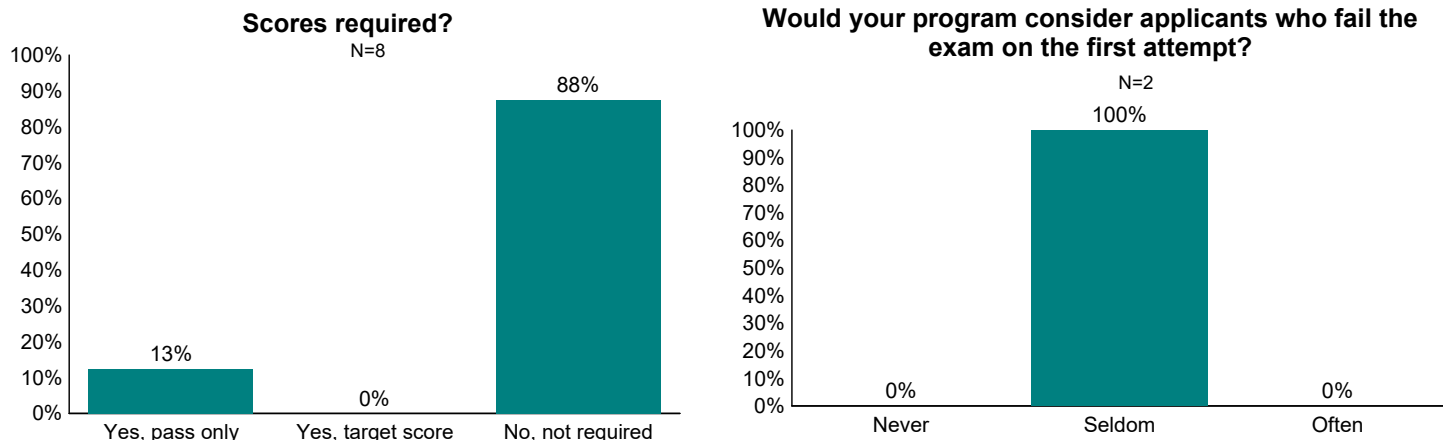


Figure-6

Abdominal Transplant Surgery Programs Positions

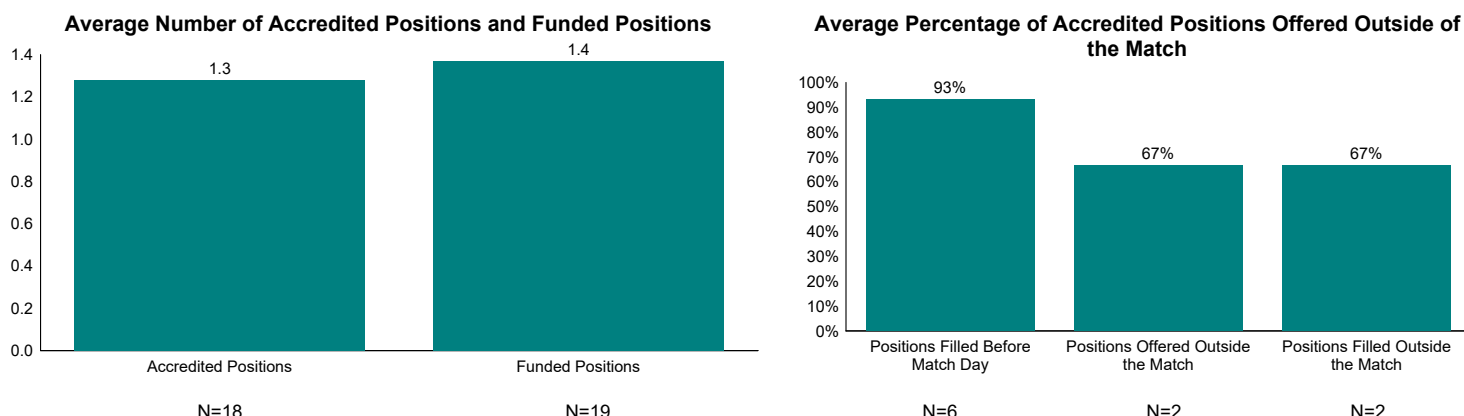
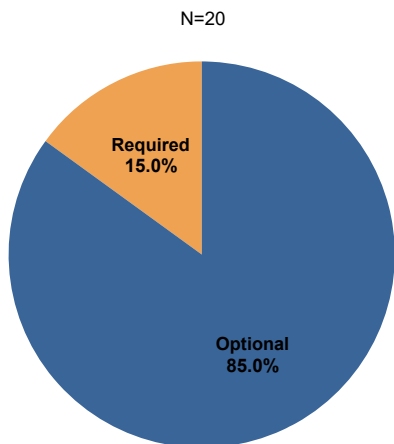


Figure-7

Abdominal Transplant Surgery Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

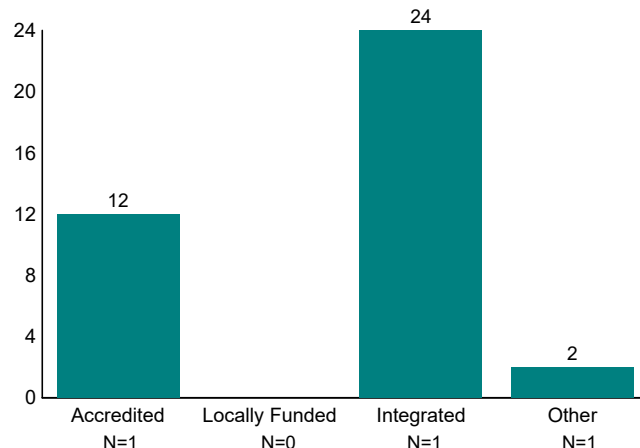
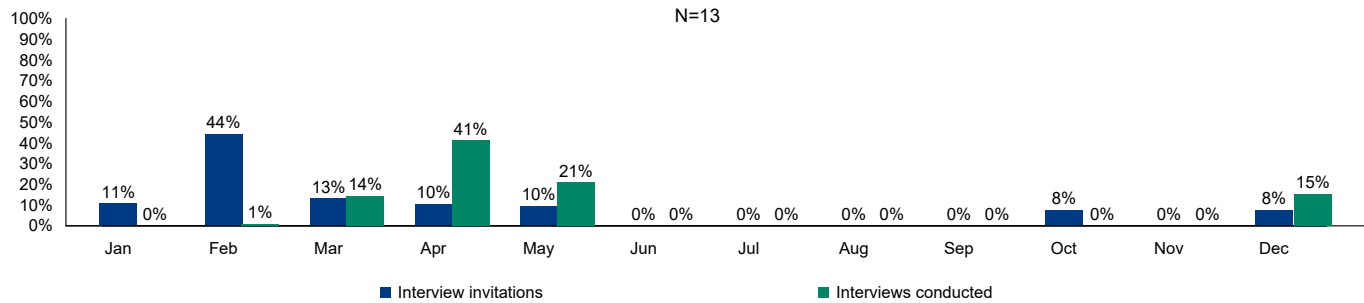


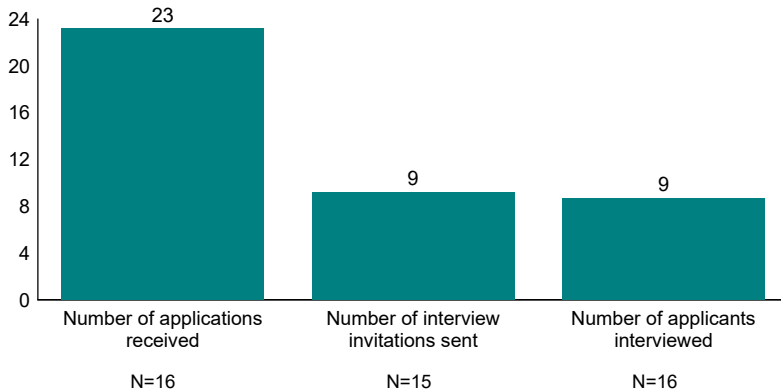
Figure-8

Abdominal Transplant Surgery Program's Interview Activities

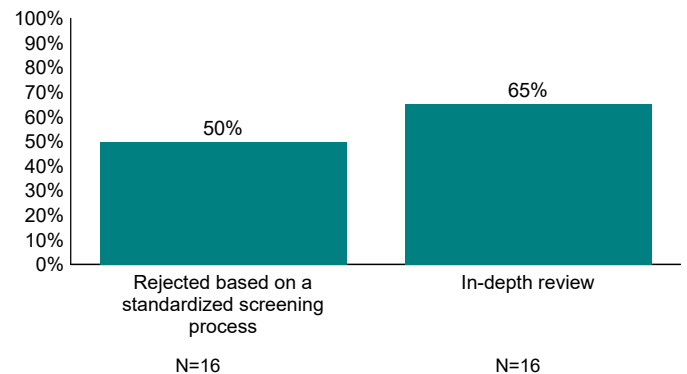
Interview Invitations Sent and Interviews Conducted



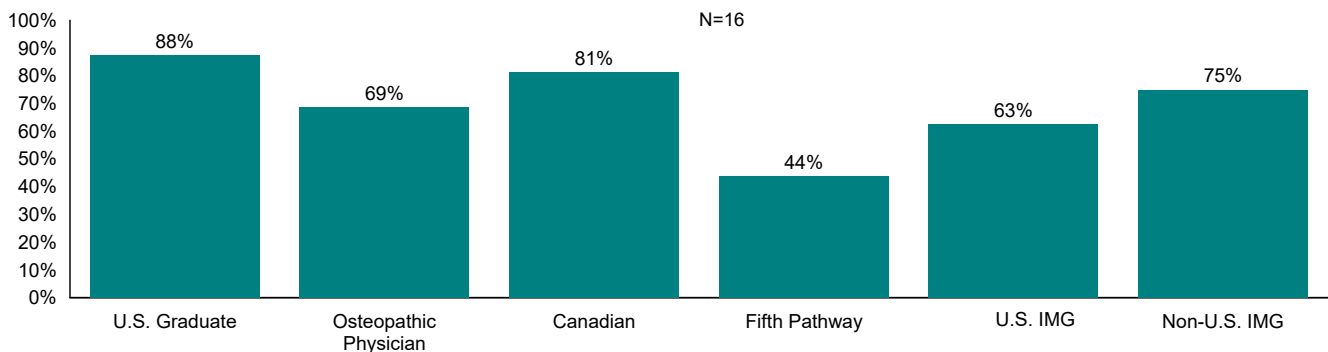
Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked



Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type
44% of Abdominal Transplant Surgery programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

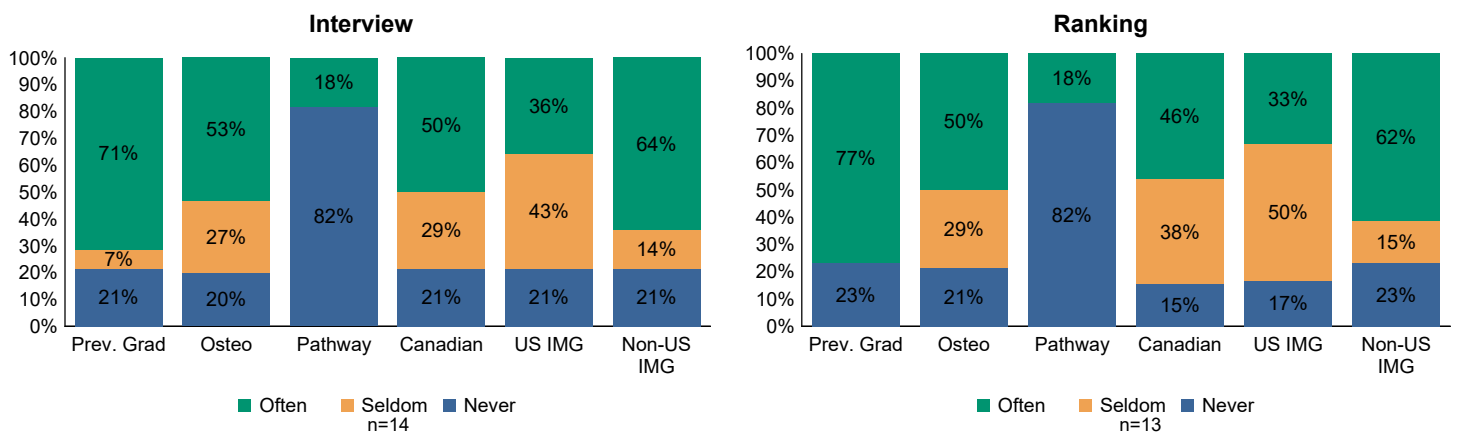


Figure-9

**Abdominal Transplant Surgery
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=12

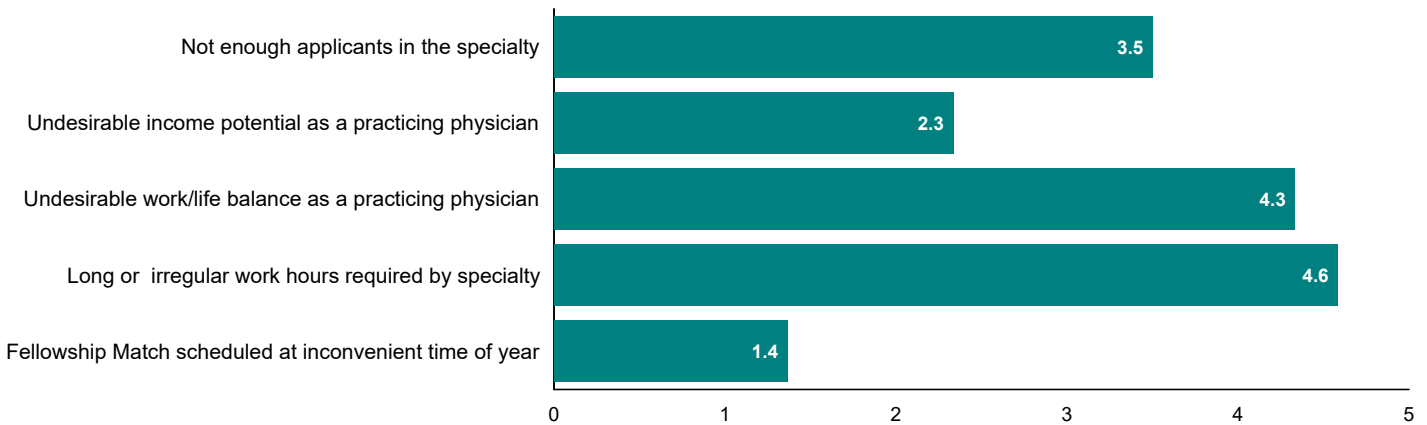


Figure-10

**Abdominal Transplant Surgery
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=12

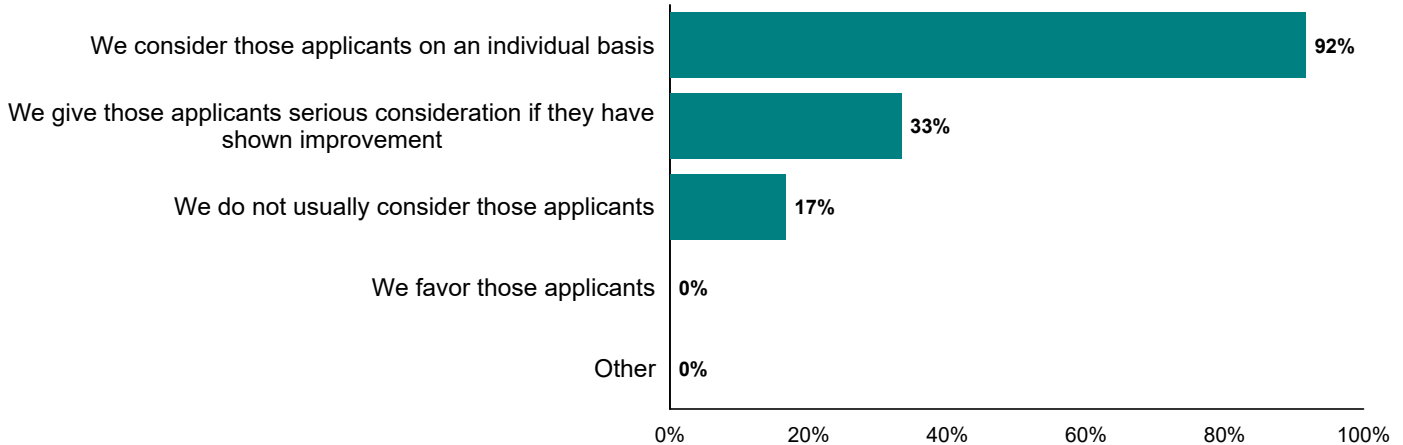
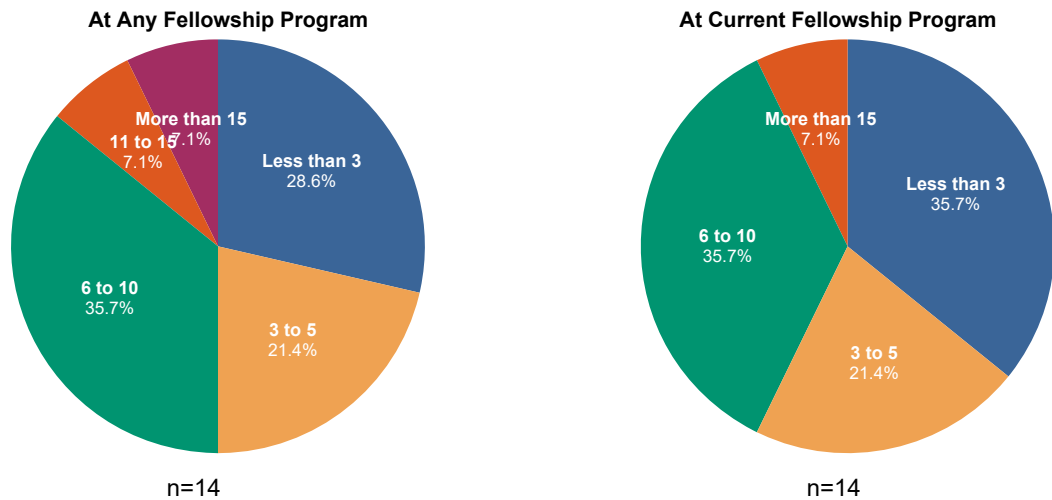


Figure-11

**Abdominal Transplant Surgery
Years as Program Director**





Adolescent Medicine

2016 Survey

Number of responses	15
Response rate	62.5%

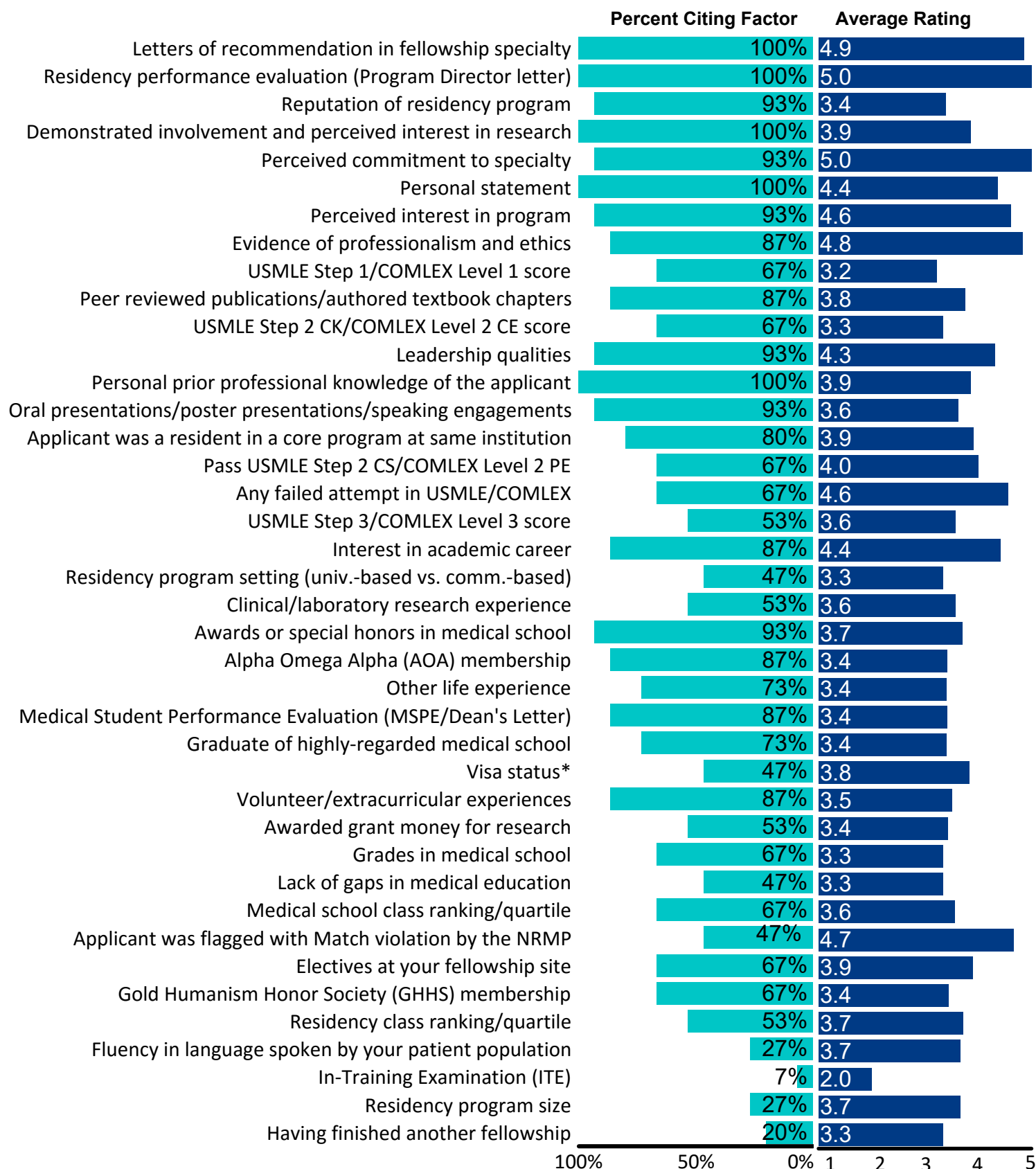
Match Information*

	Appointment Years		
	2016	2015	2014
Number of programs in the Match	24	25	23
Number of positions in the Match	31	36	35
Number of applicants ranking specialty	29	31	22

* Source: NRMP Data Warehouse

Figure-1

**Adolescent Medicine
Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each
Factor in Selecting Applicants to Interview
(N=15)**



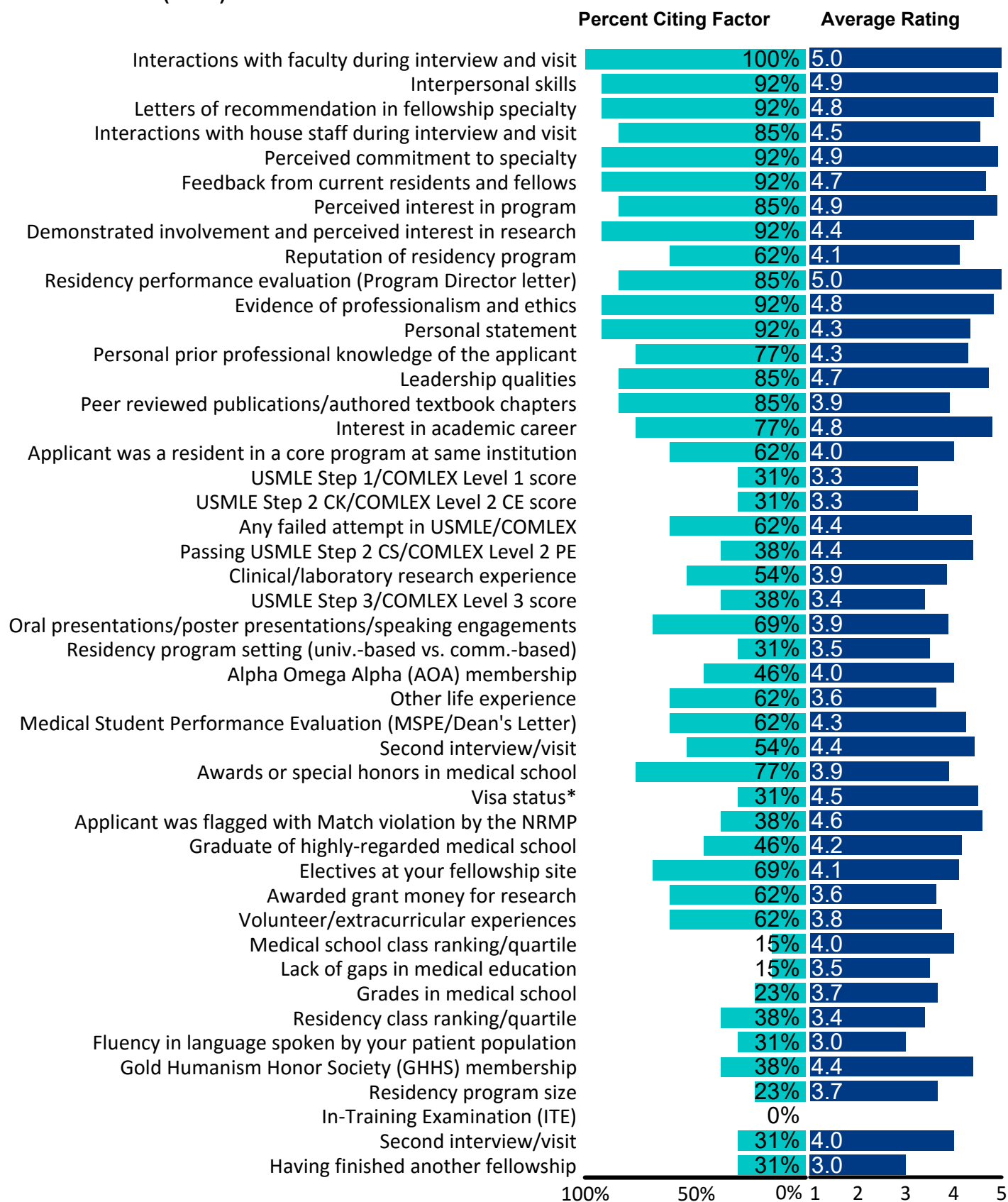
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Adolescent Medicine

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=15)



¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

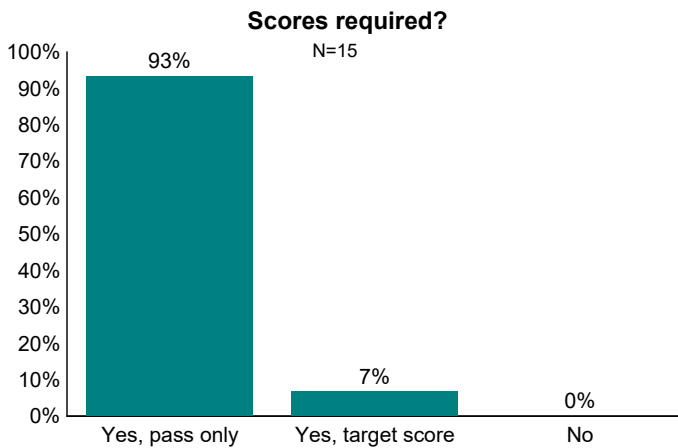
* International Medical Graduates only

Figure-3

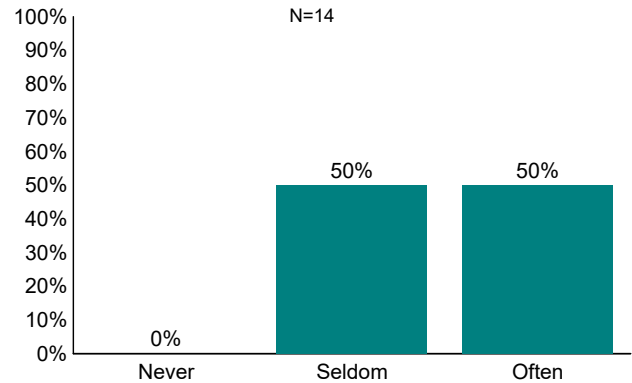
Adolescent Medicine

Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When Considering Which Applicants to Interview

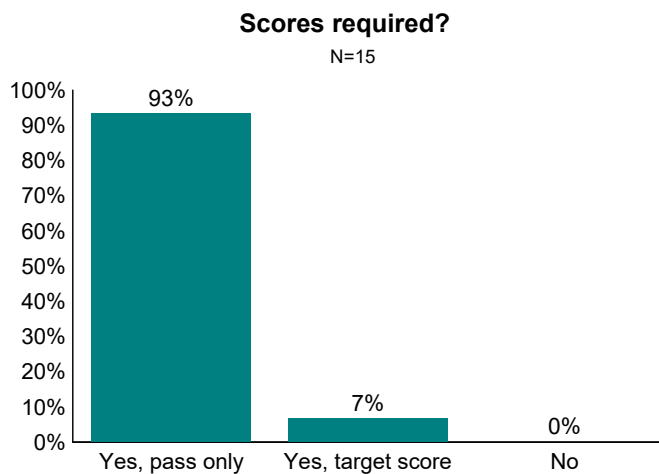
Percentage of Programs That Use USMLE Step 1 Score



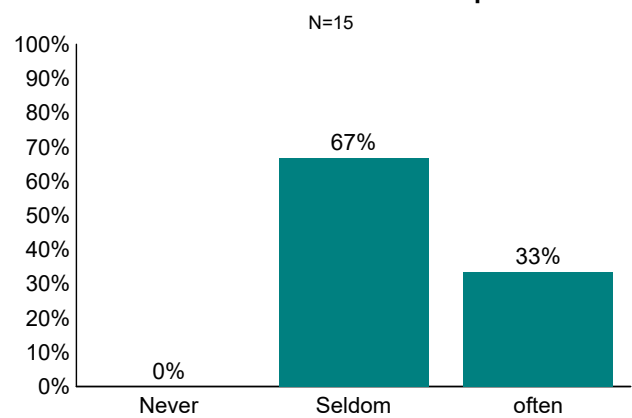
Would your program consider applicants who fail the exam on the first attempt?
N=14



Percentage of Programs That Use USMLE Step 2 (CK) Score



Would your program consider applicants who fail the exam on the first attempt?
N=15



IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs Consider When Granting Interviews

Scores Below Which Programs Generally Do Not Grant Interviews

USMLE Step 1 not reported because of low response rate

USMLE Step 2 CK not reported because of low response rate

Scores Above Which Programs Almost Always Grant Interviews

USMLE Step 1 not reported because of low response rate

USMLE Step 2 CK not reported because of low response rate

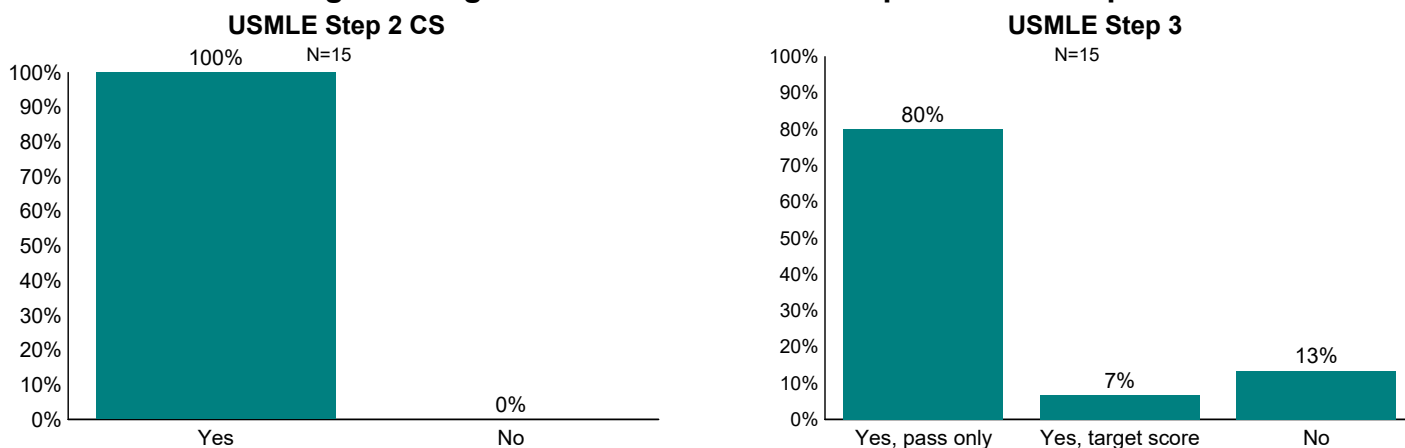
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

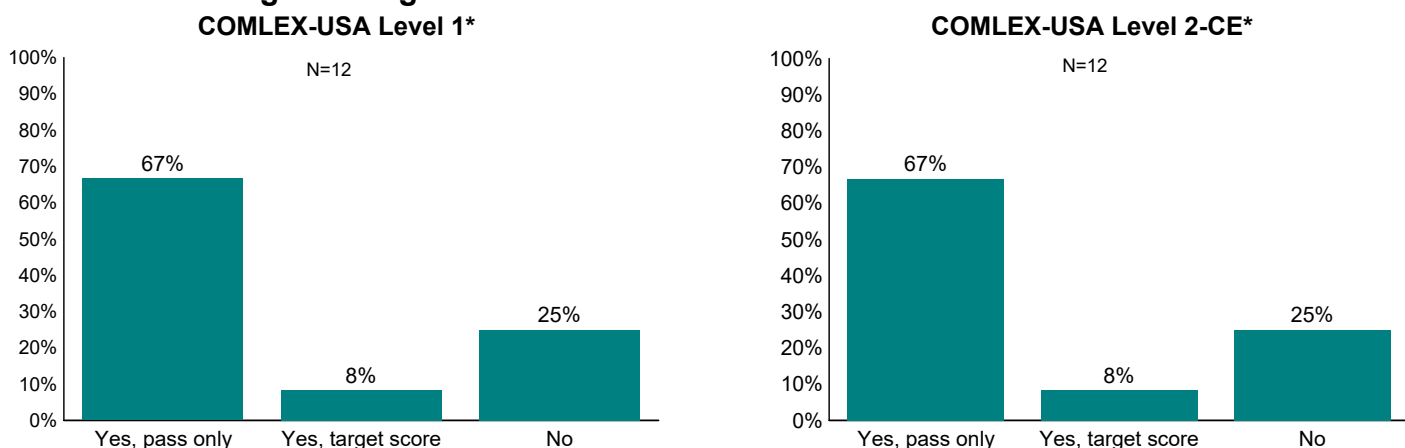
Adolescent Medicine

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

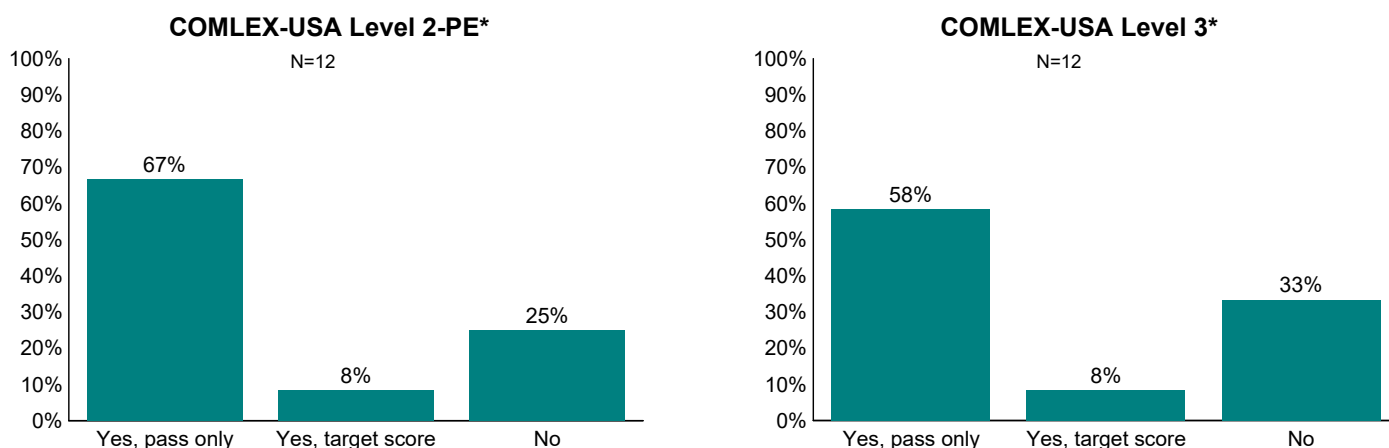
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Adolescent Medicine Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

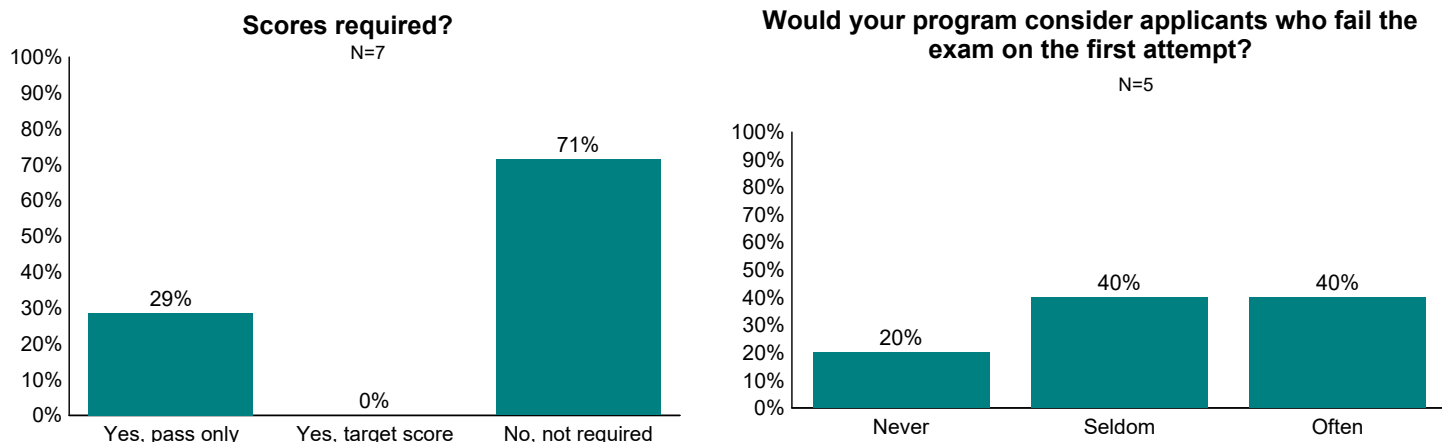


Figure-6

Adolescent Medicine Programs Positions

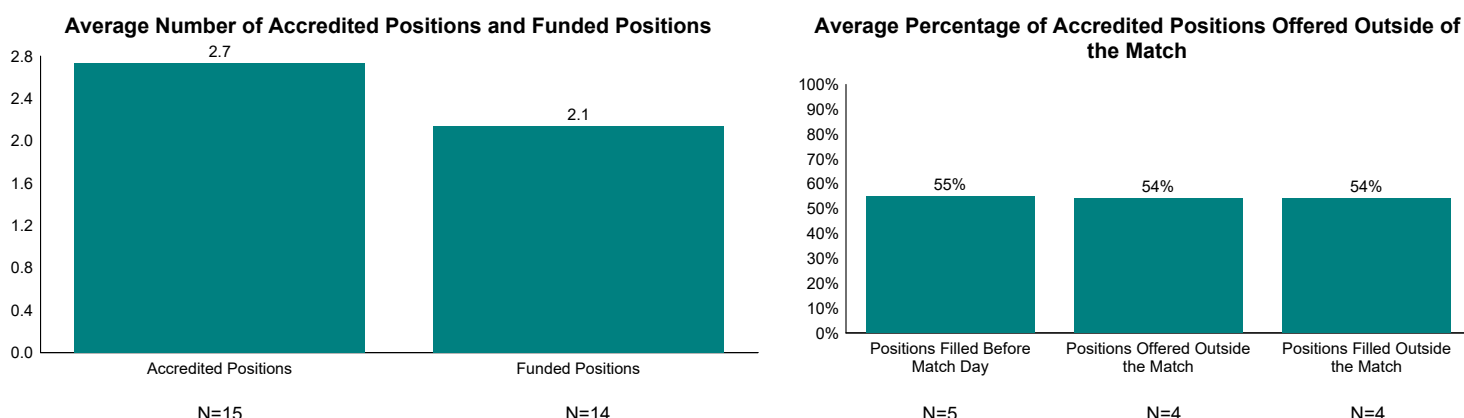
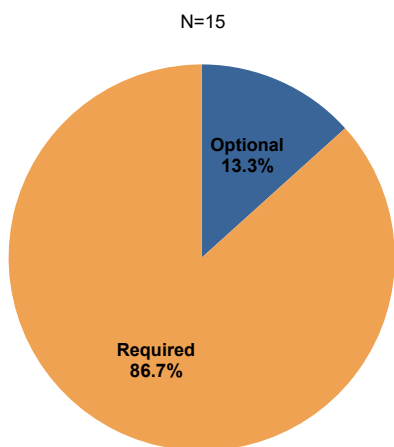


Figure-7

Adolescent Medicine Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

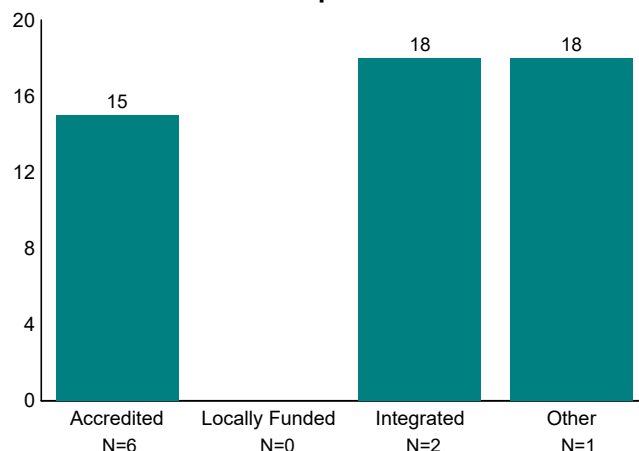
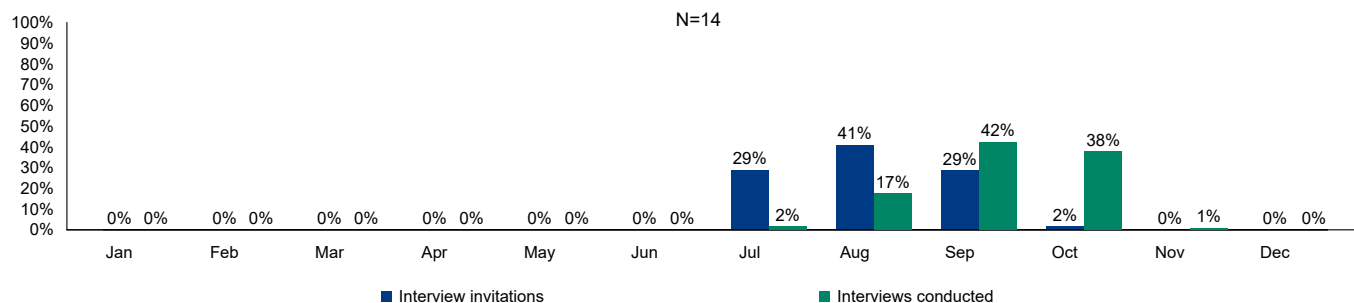


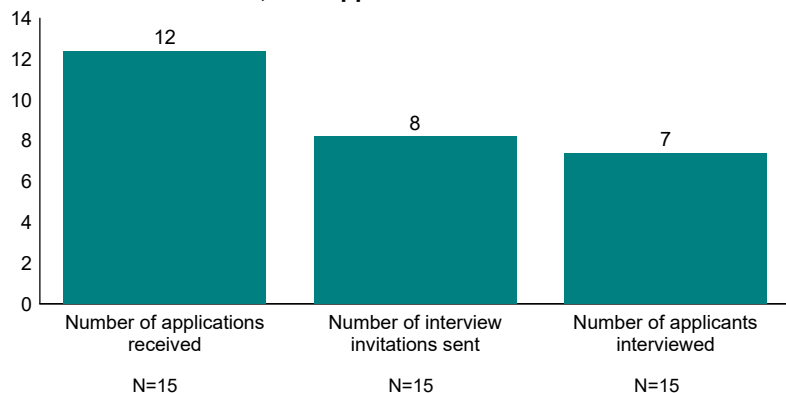
Figure-8

Adolescent Medicine Program's Interview Activities

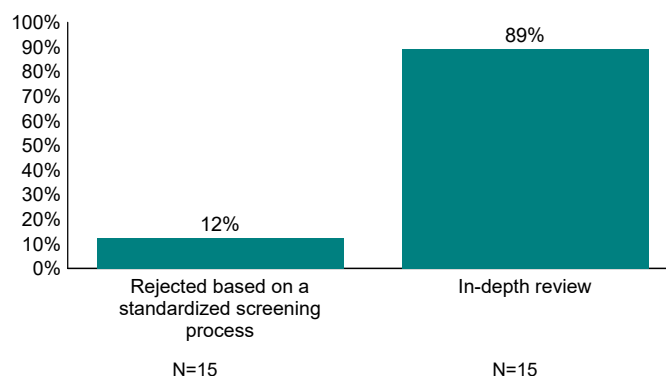
Interview Invitations Sent and Interviews Conducted



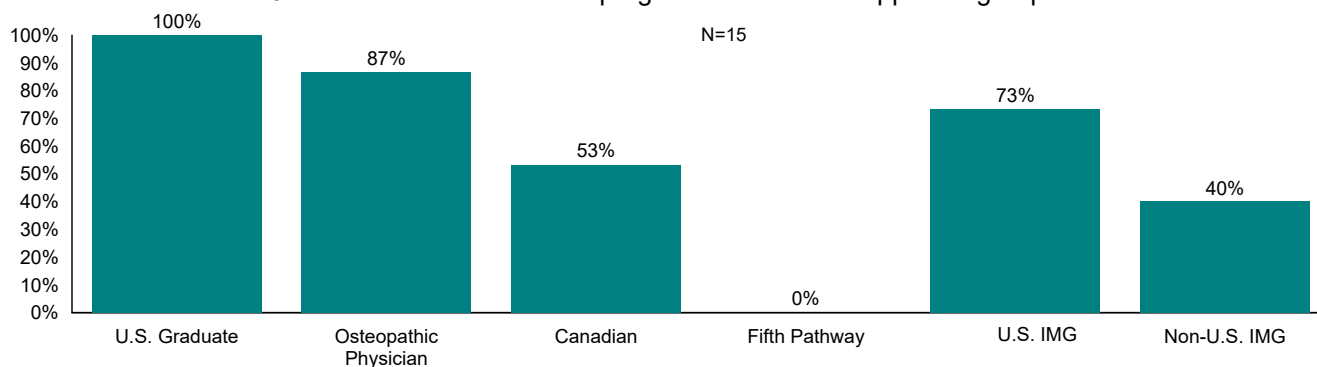
Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked



Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type
0% of Adolescent Medicine programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

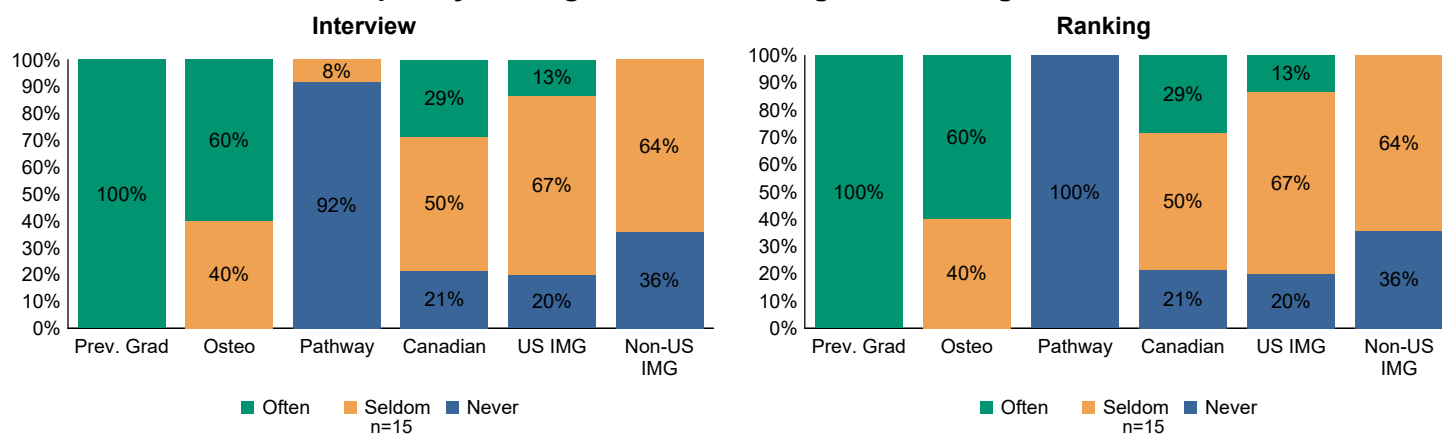
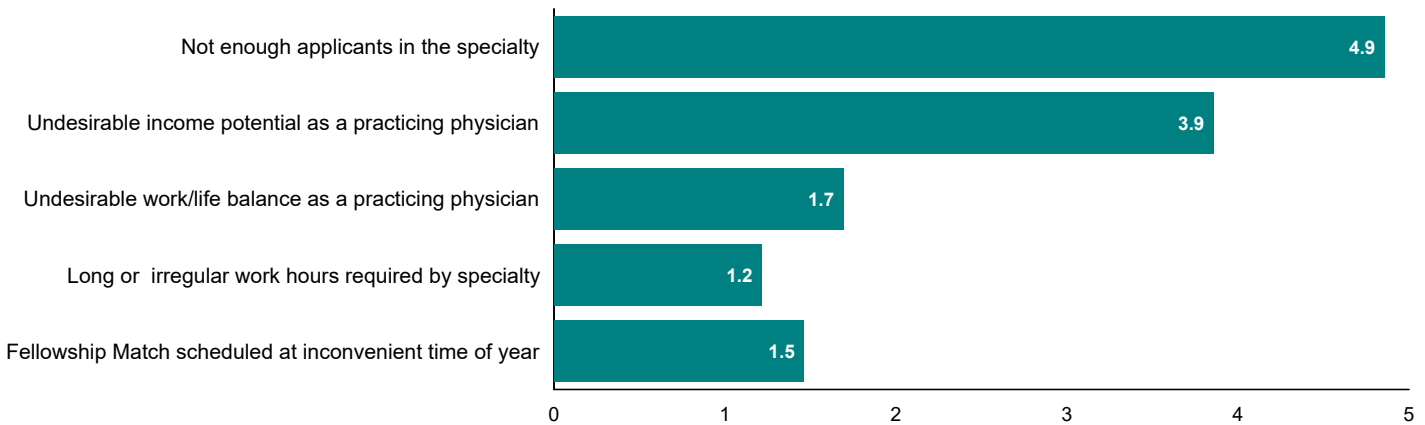
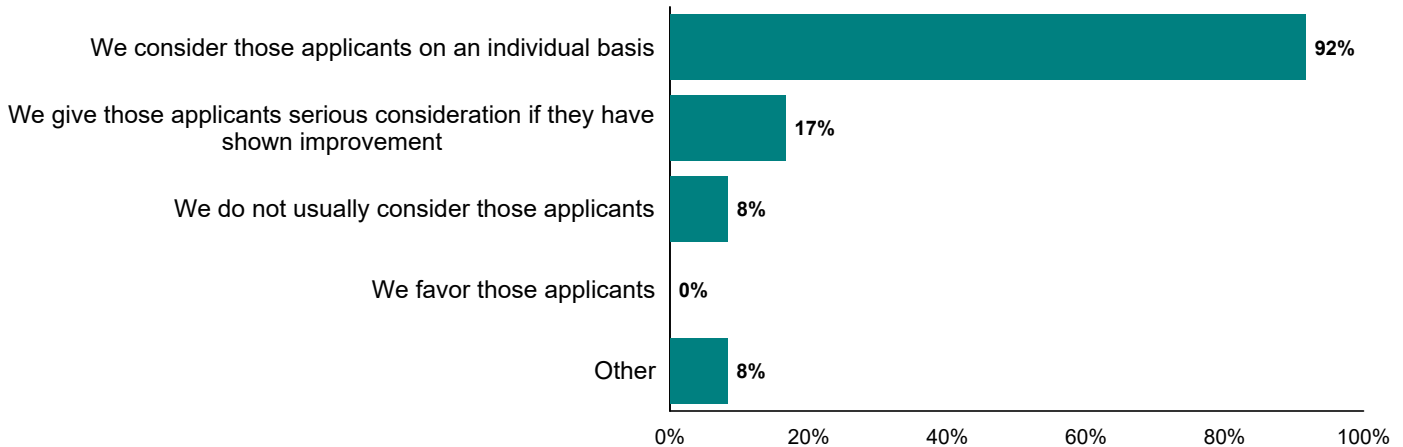
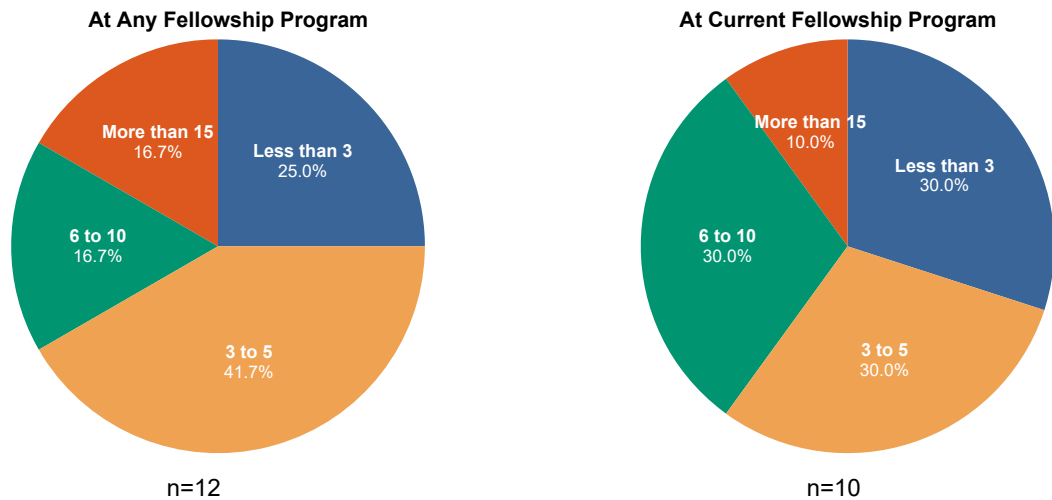


Figure-9**Adolescent Medicine
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=14

**Figure-10****Adolescent Medicine
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=12

**Figure-11****Adolescent Medicine
Years as Program Director**



Allergy and Immunology

2016 Survey

Number of responses	22
Response rate	29.7%

Match Information*

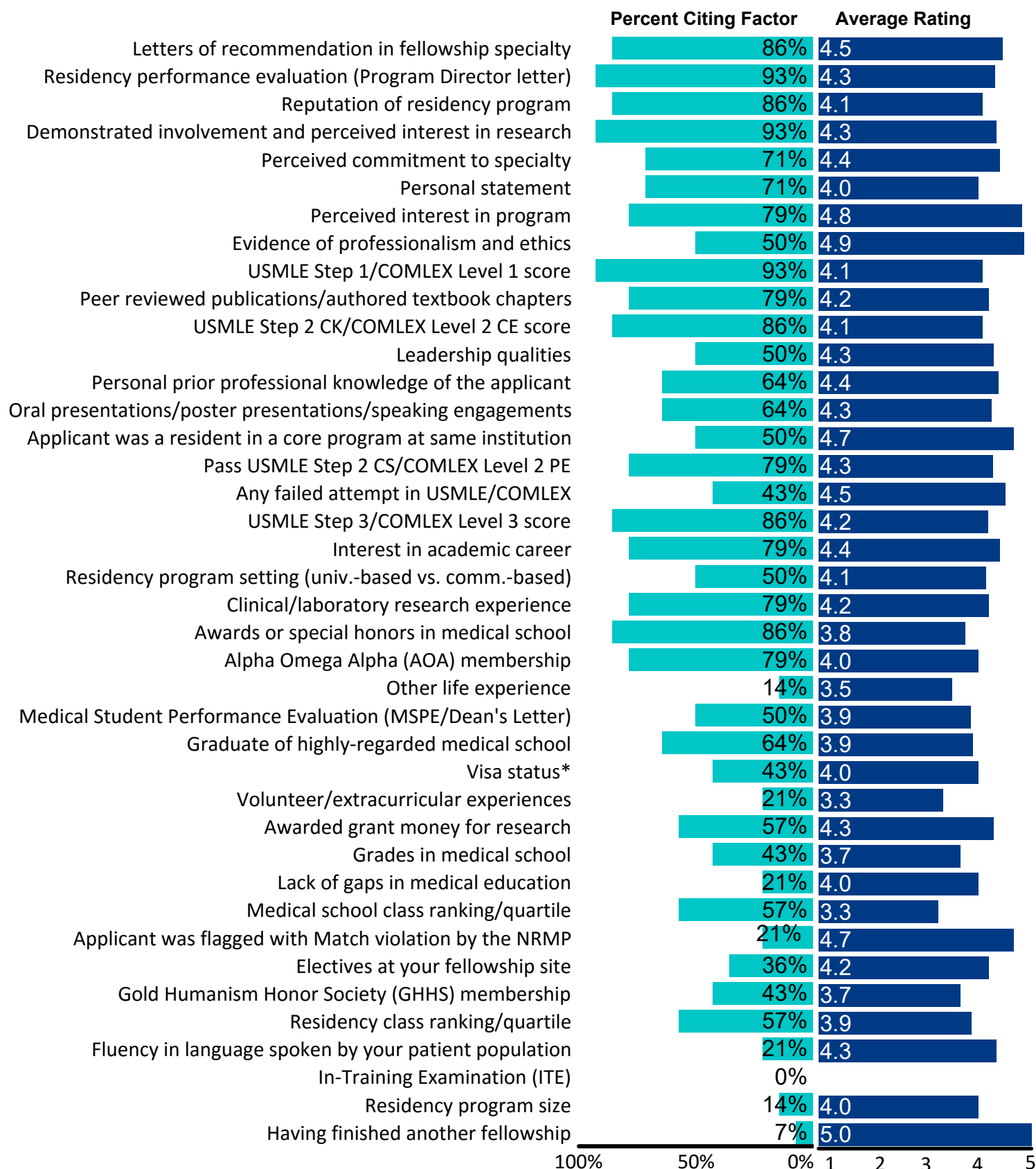
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	86	82	81
Number of positions in the Match	137	126	132
Number of applicants ranking specialty	151	155	179

* Source: NRMP Data Warehouse

Figure-1

Allergy and Immunology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=14)



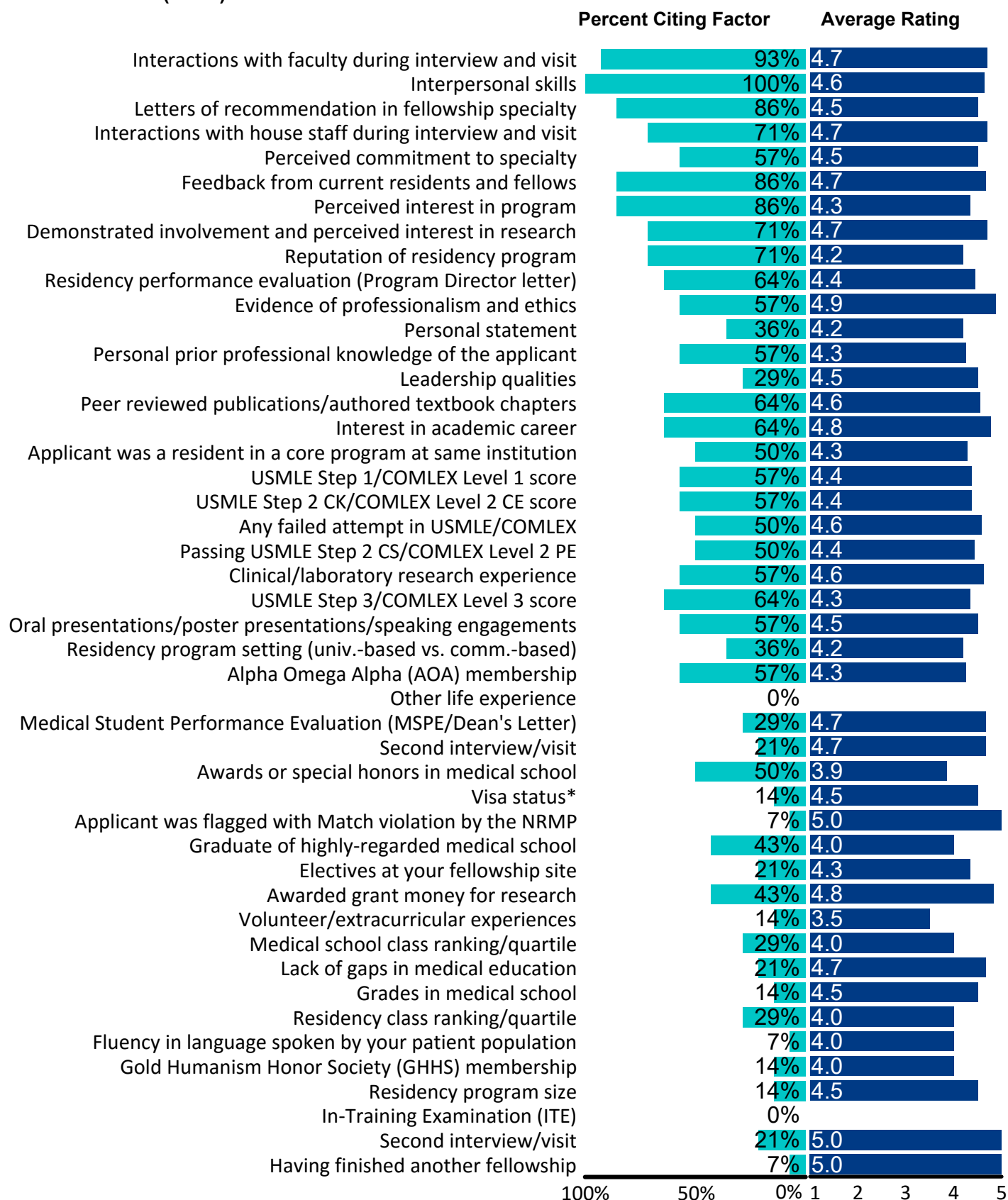
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Allergy and Immunology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=14)



¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

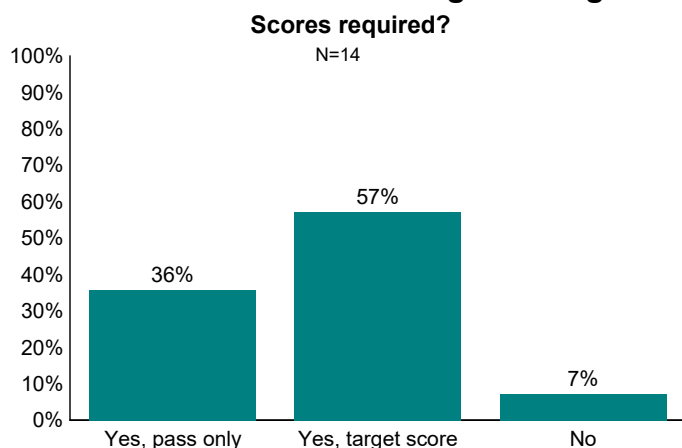
* International Medical Graduates only

Figure-3

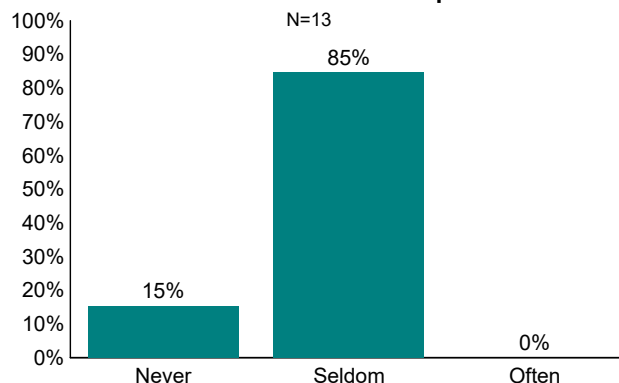
Allergy and Immunology

Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When Considering Which Applicants to Interview

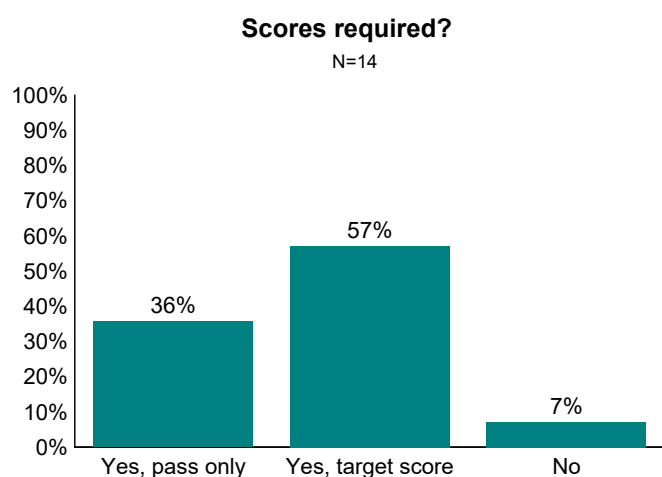
Percentage of Programs That Use USMLE Step 1 Score



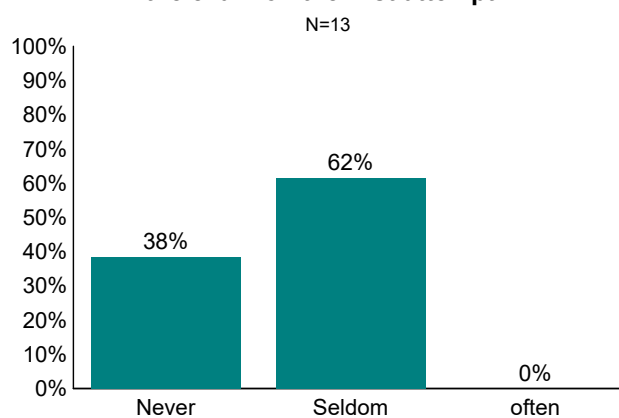
Would your program consider applicants who fail the exam on the first attempt?



Percentage of Programs That Use USMLE Step 2 (CK) Score

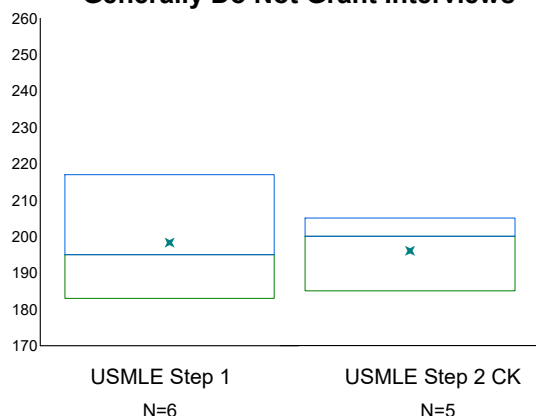


Would your program consider applicants who fail the exam on the first attempt?

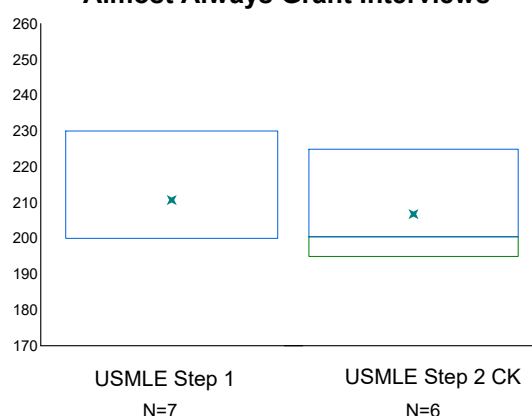


IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs Consider When Granting Interviews

Scores Below Which Programs Generally Do Not Grant Interviews



Scores Above Which Programs Almost Always Grant Interviews



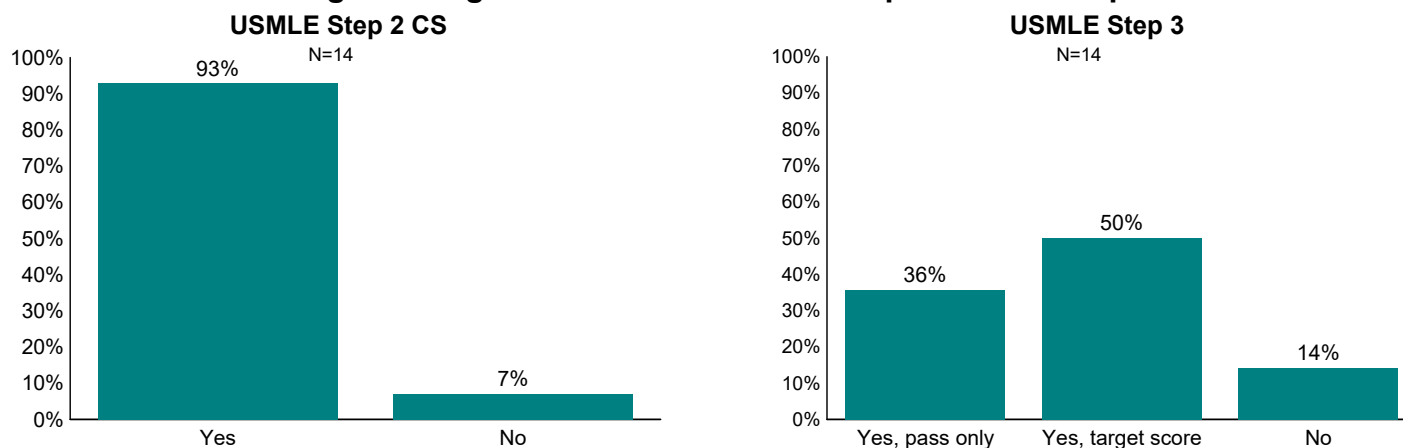
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

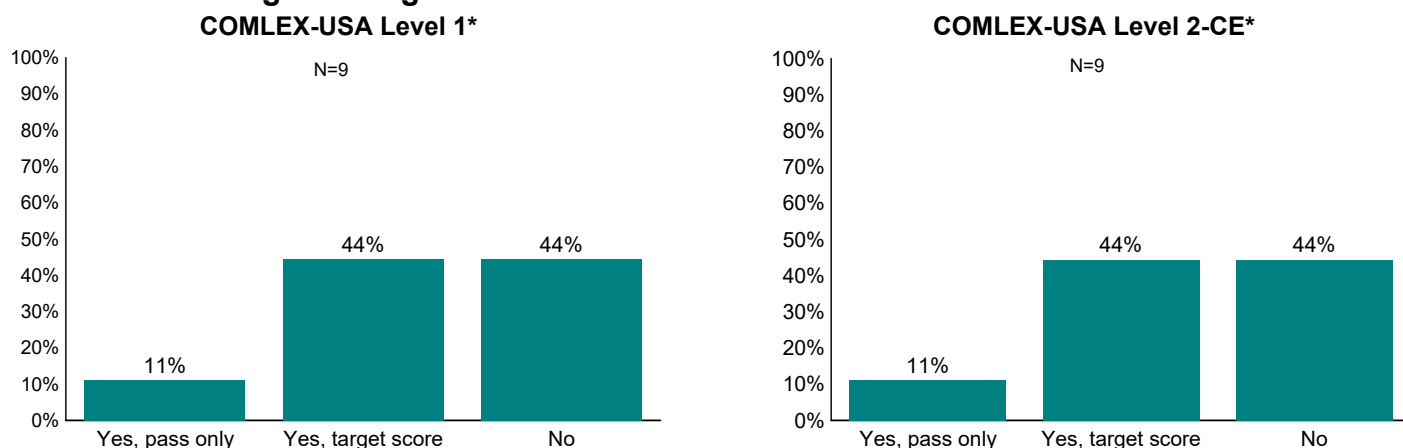
Allergy and Immunology

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

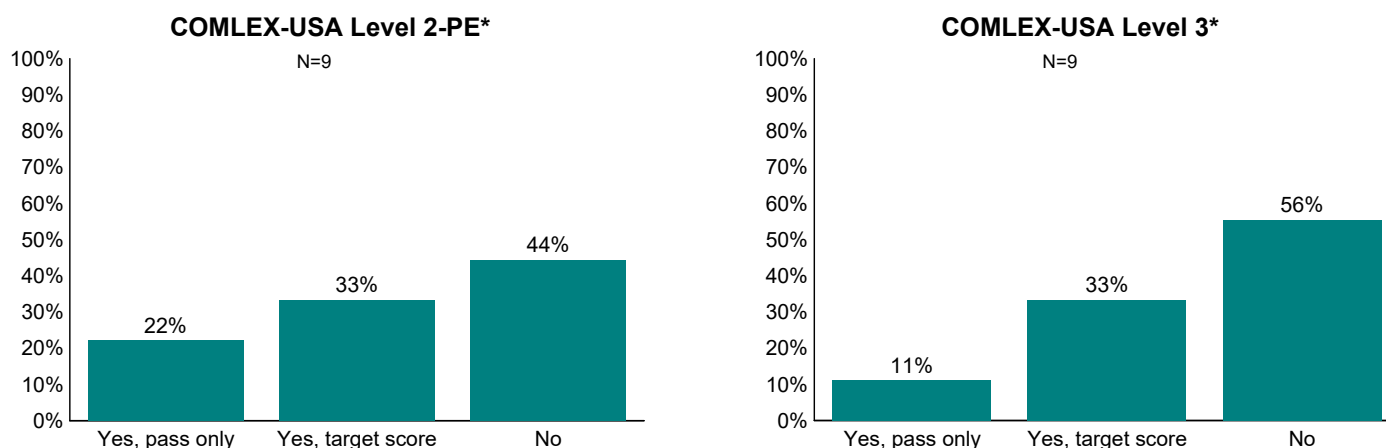
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Allergy and Immunology Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

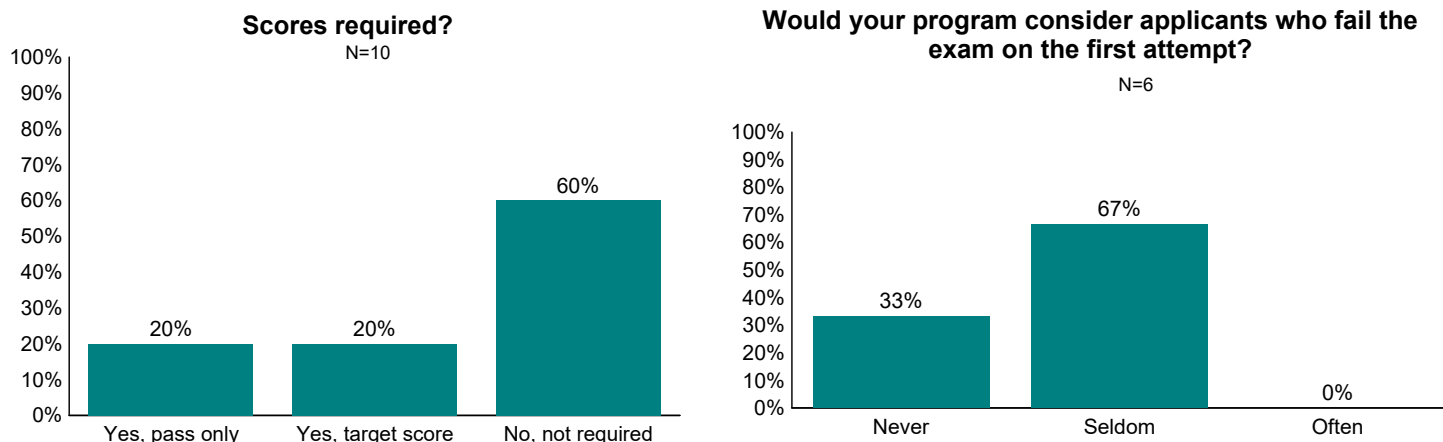


Figure-6

Allergy and Immunology Programs Positions

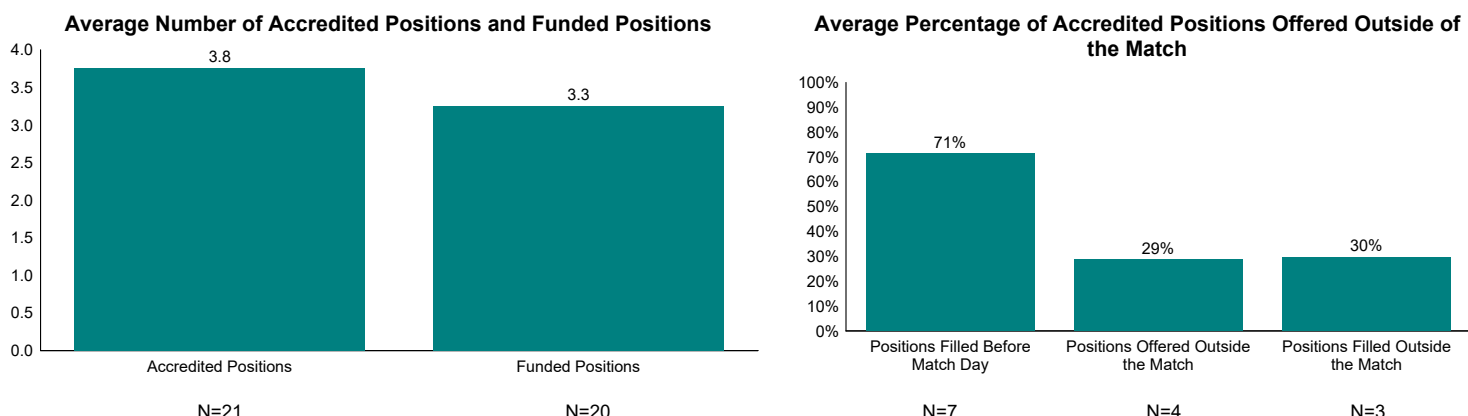
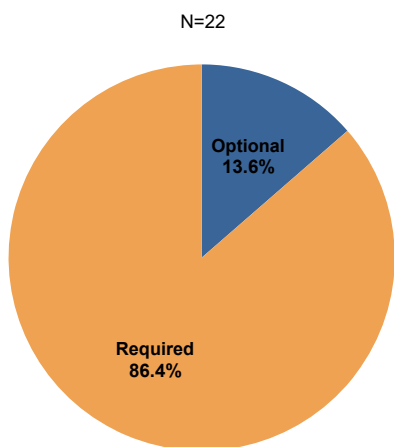


Figure-7

Allergy and Immunology Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

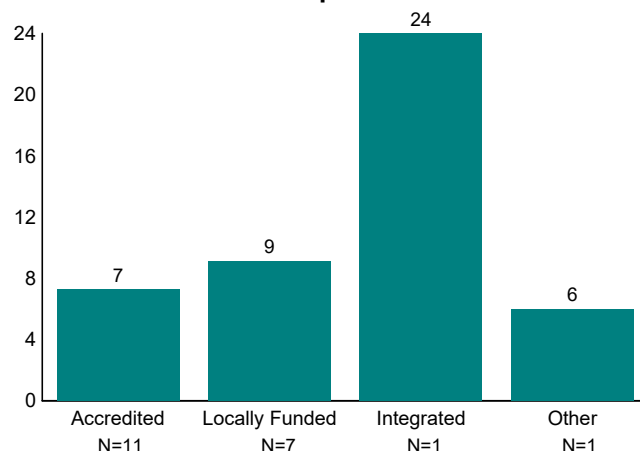
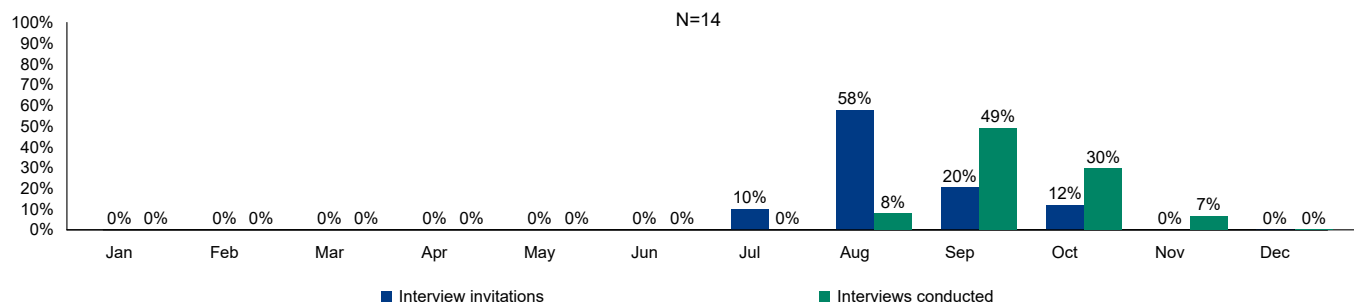


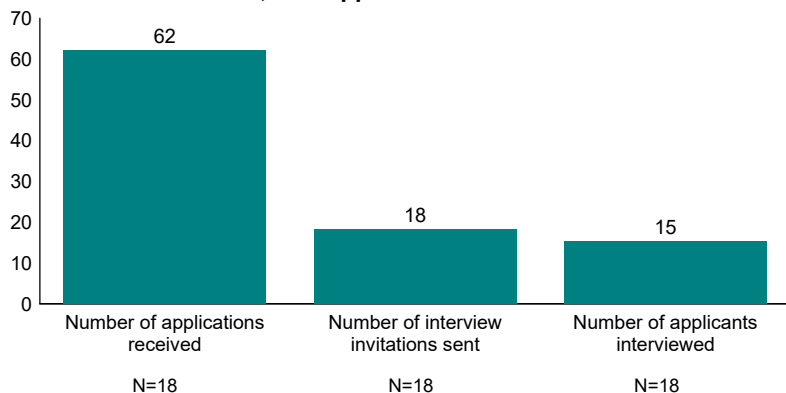
Figure-8

Allergy and Immunology Program's Interview Activities

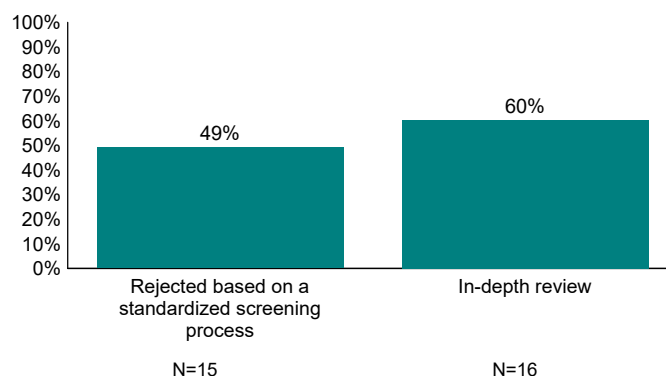
Interview Invitations Sent and Interviews Conducted



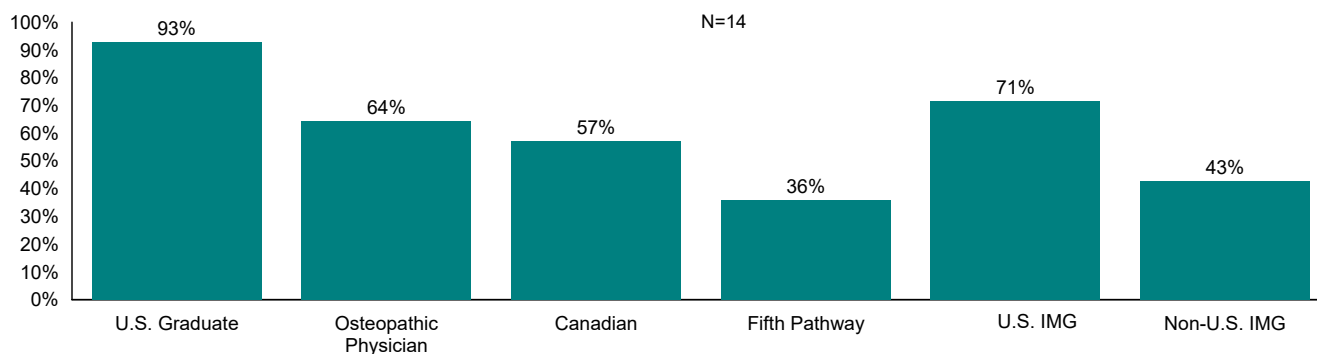
Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked



Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type
29% of Allergy and Immunology programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

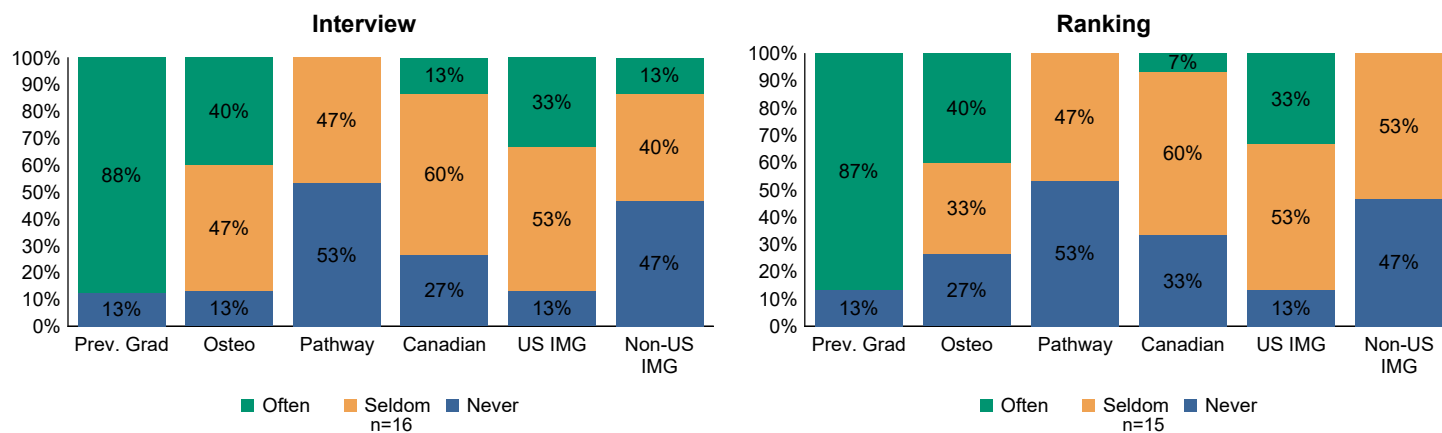


Figure-9

Allergy and Immunology Potential Challenges in Recruiting Applicants to Your Specialty

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=14

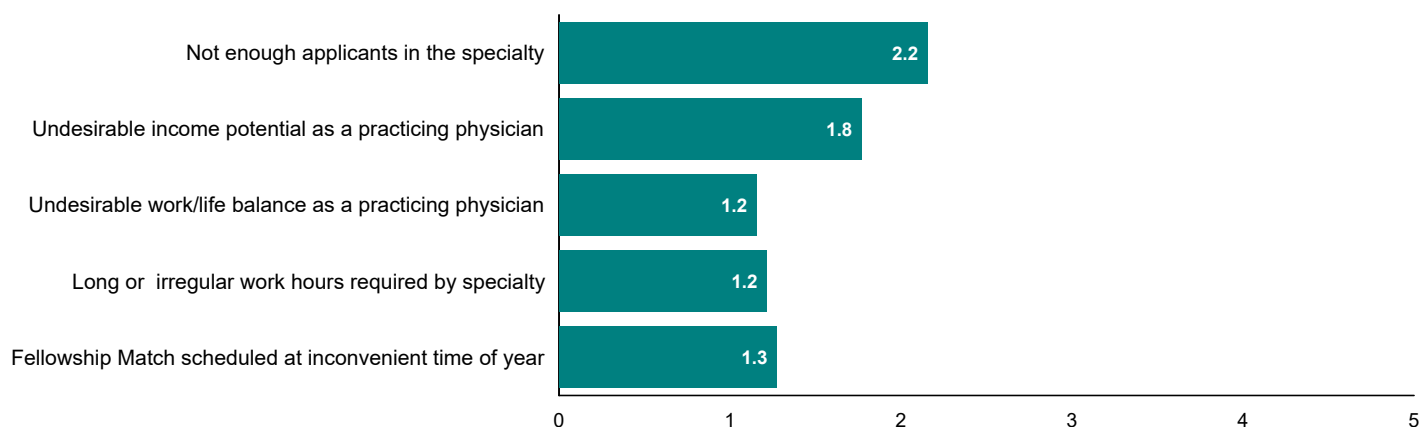


Figure-10

Allergy and Immunology Applicants Who Applied in the Specialty in the Past But Did Not Match

n=13

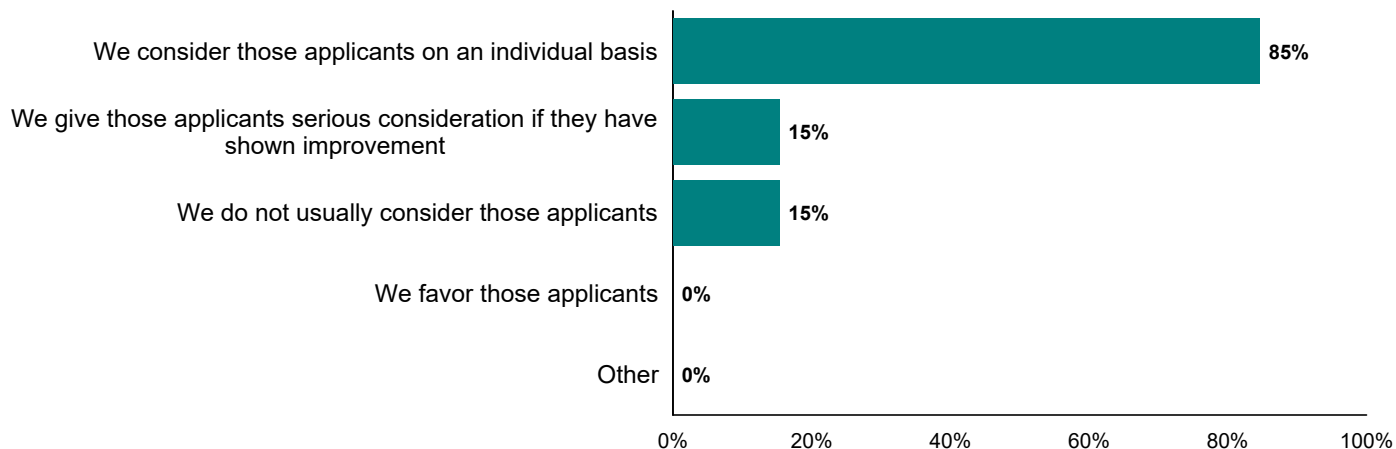
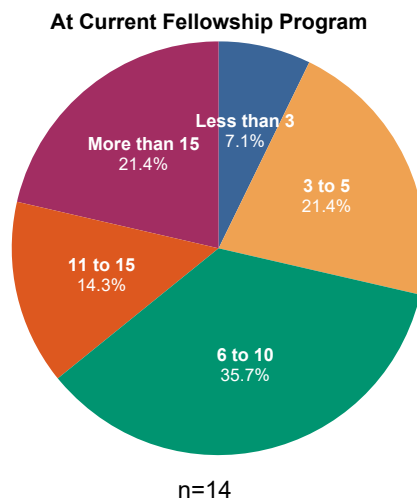
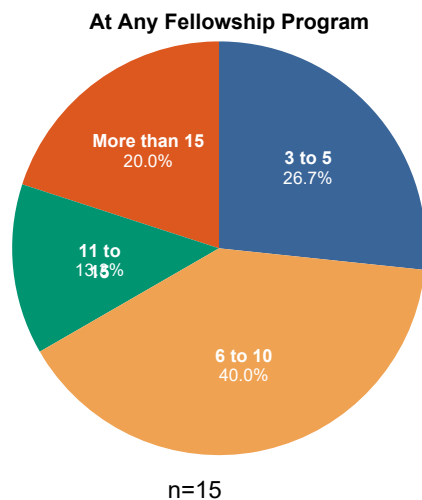


Figure-11

Allergy and Immunology Years as Program Director





Cardiovascular Disease

Table 1**Cardiovascular Disease
General Information****2016 Survey**

Number of responses	57
Response rate	30.8%

Match Information*

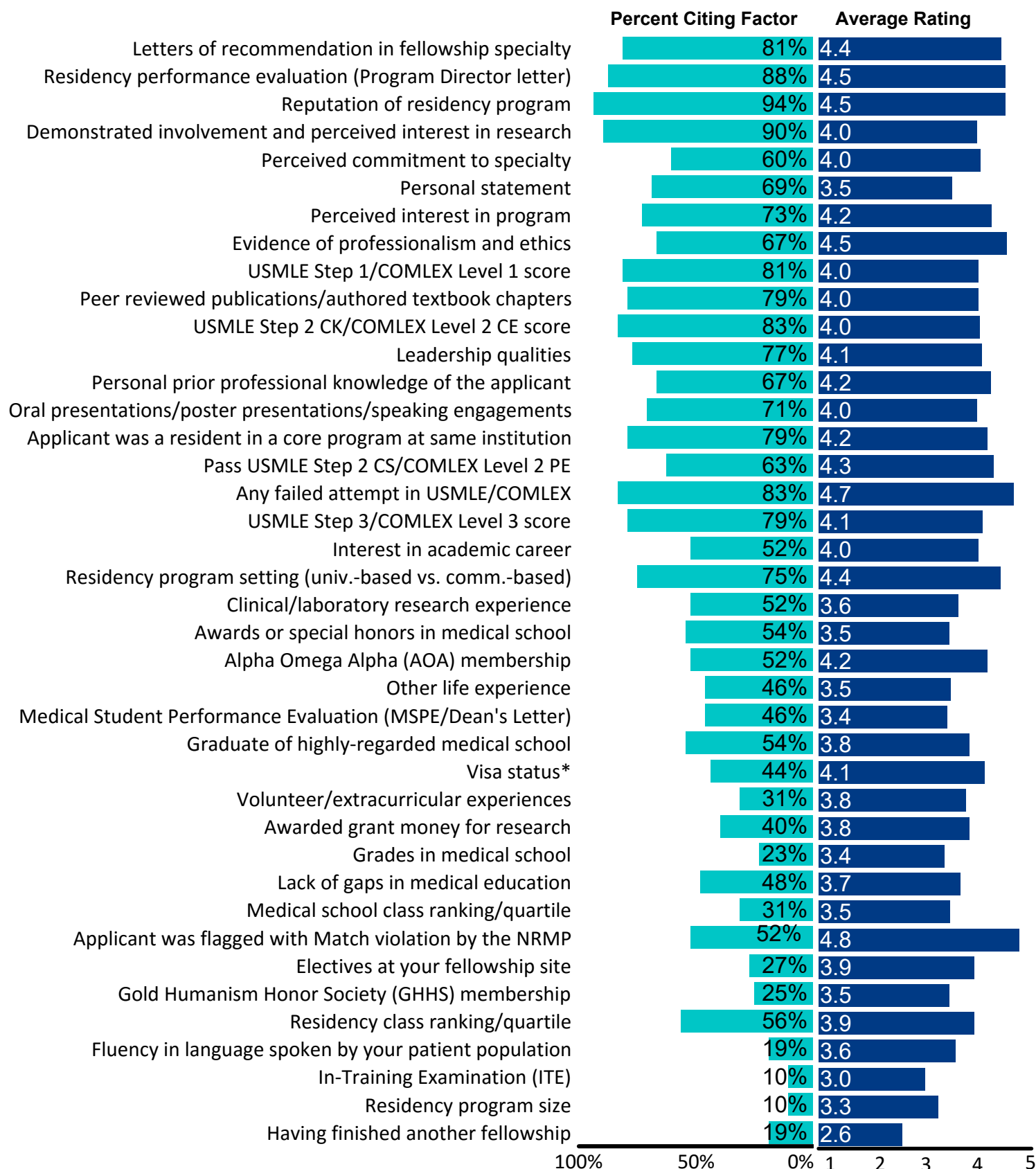
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	193	187	181
Number of positions in the Match	844	835	800
Number of applicants ranking specialty	1,108	1,142	1,106

* Source: NRMP Data Warehouse

Figure-1

Cardiovascular Disease

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=48)



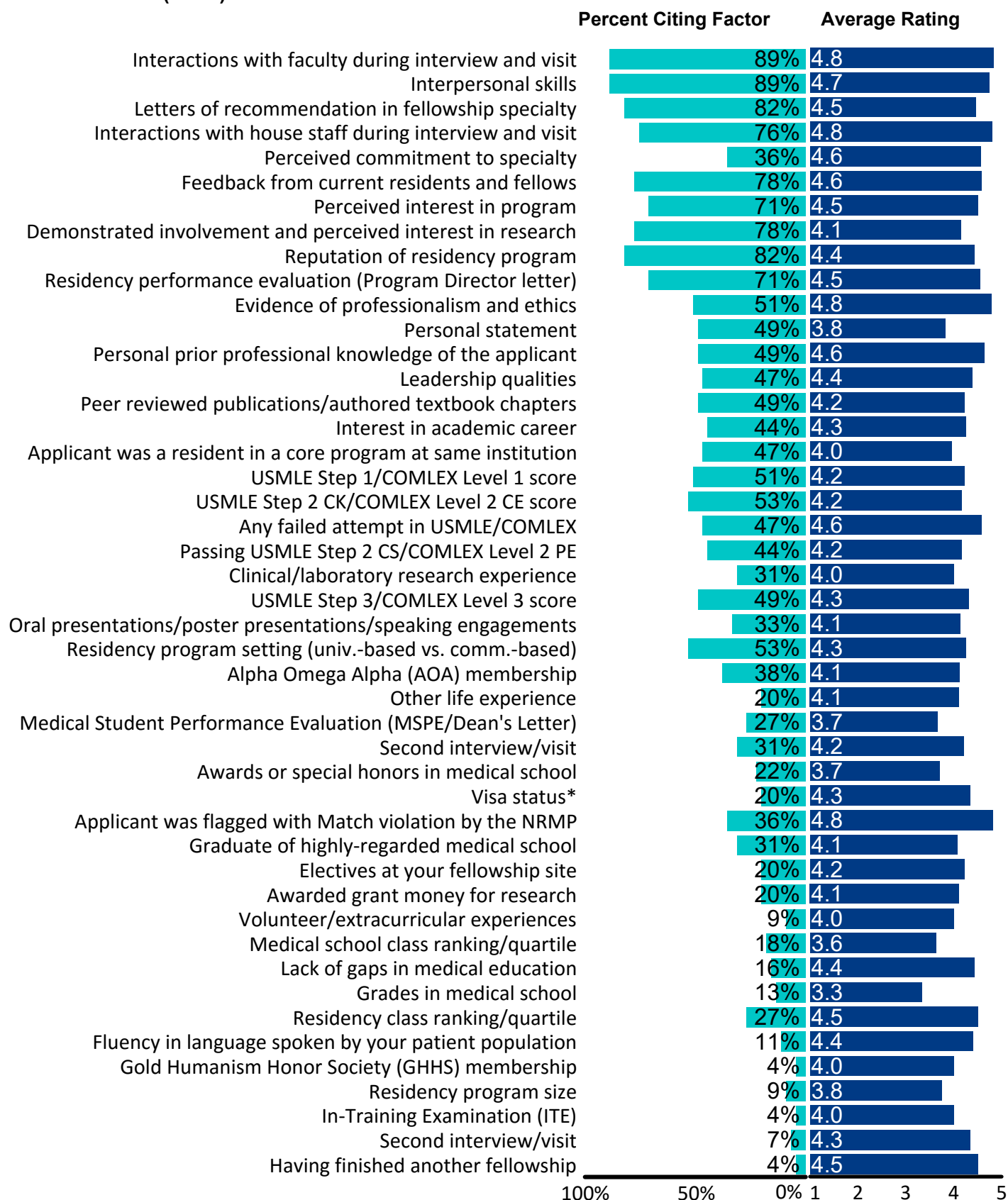
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

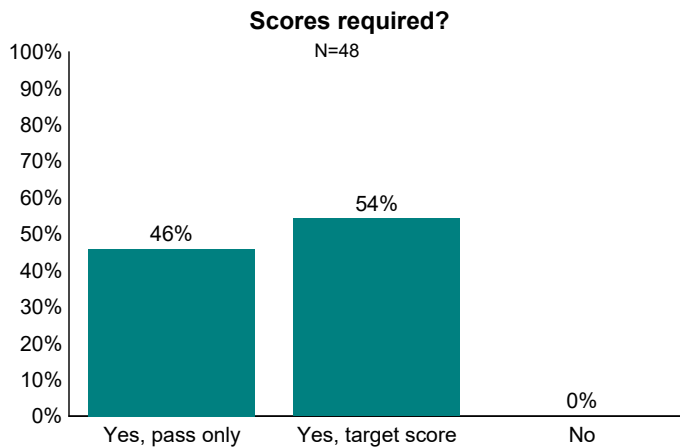
Cardiovascular Disease

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=48)

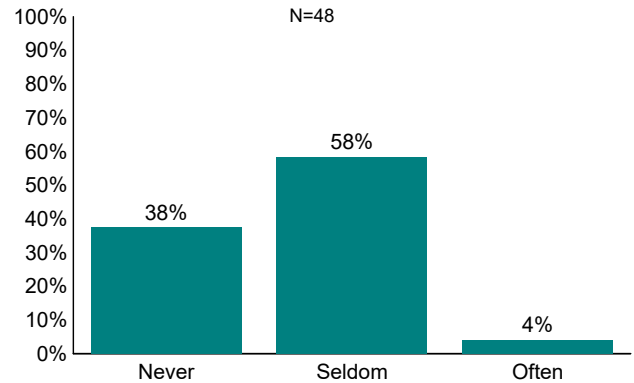
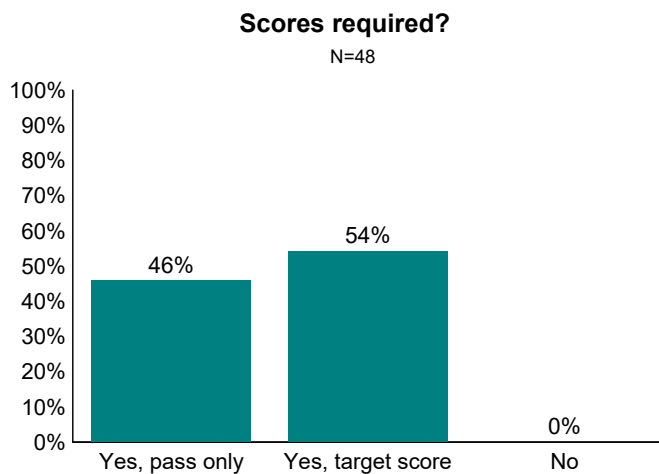


¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

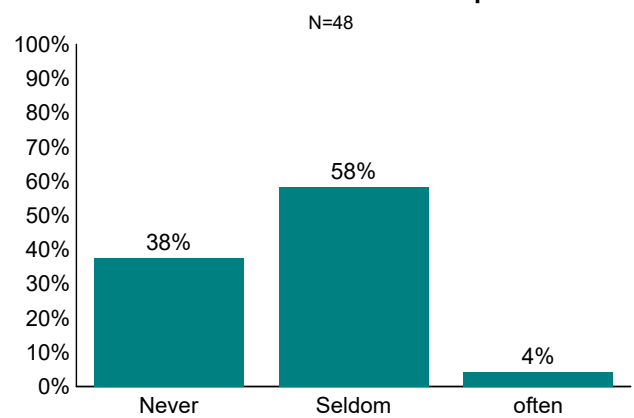
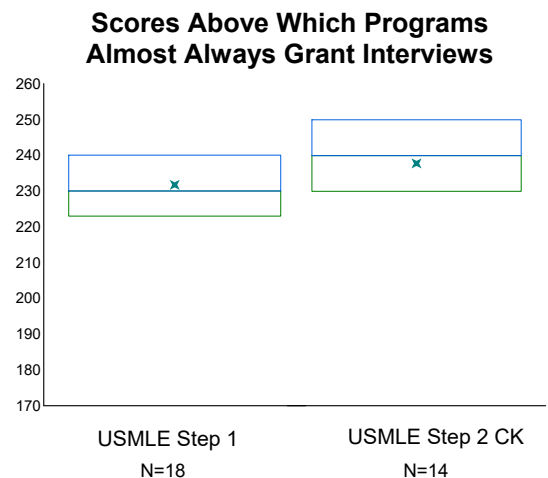
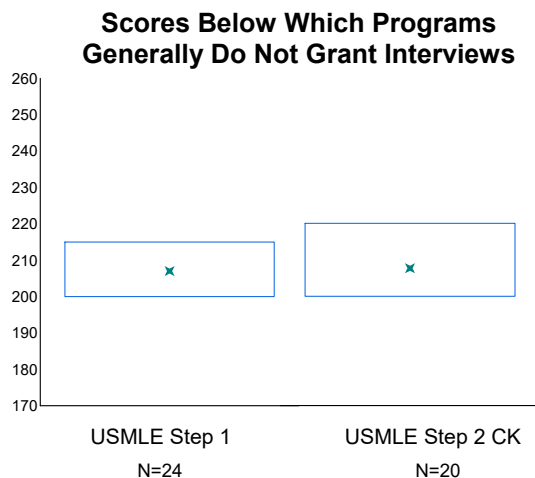
* International Medical Graduates only

Figure-3**Cardiovascular Disease****Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When Considering Which Applicants to Interview****Percentage of Programs That Use USMLE Step 1 Score**

Would your program consider applicants who fail the exam on the first attempt?
N=48

**Percentage of Programs That Use USMLE Step 2 (CK) Score**

Would your program consider applicants who fail the exam on the first attempt?
N=48

**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs Consider When Granting Interviews**

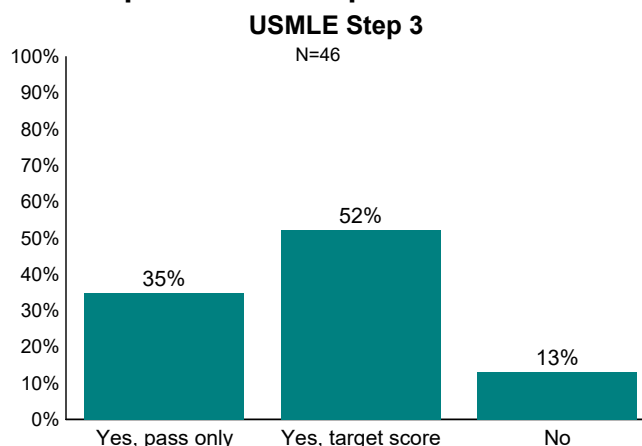
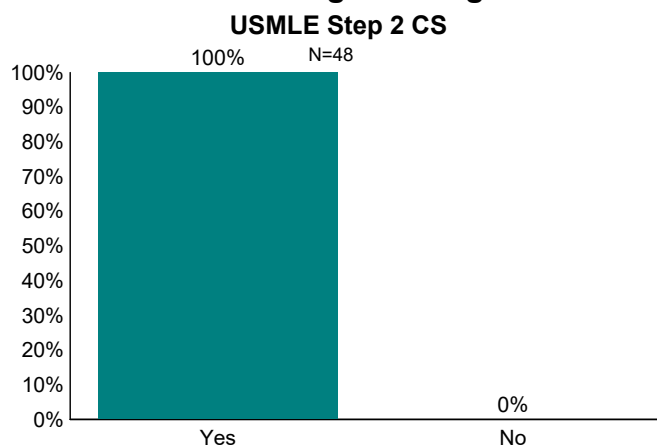
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

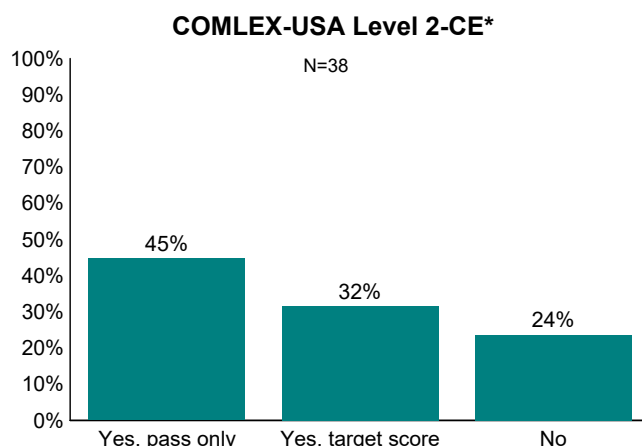
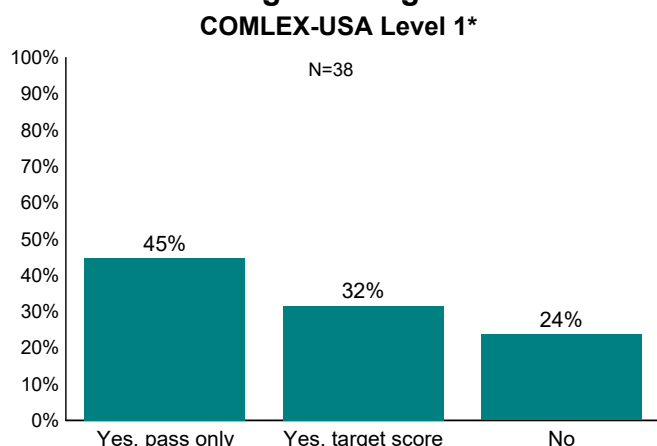
Cardiovascular Disease

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

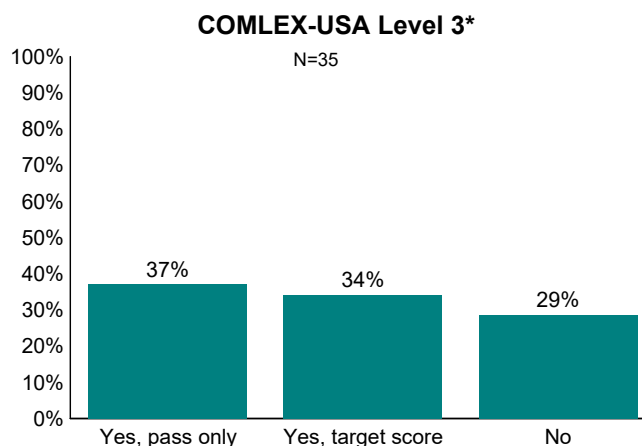
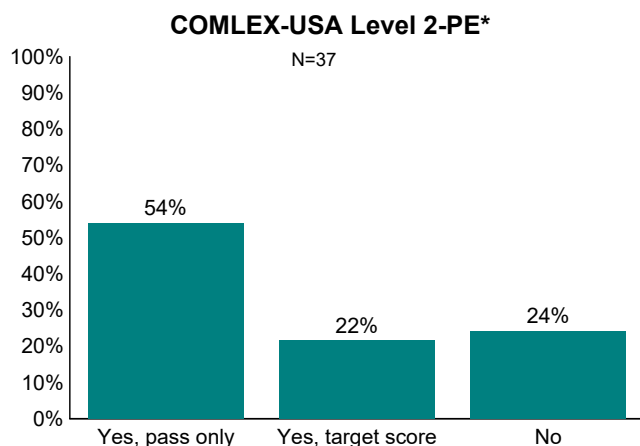
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Cardiovascular Disease Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

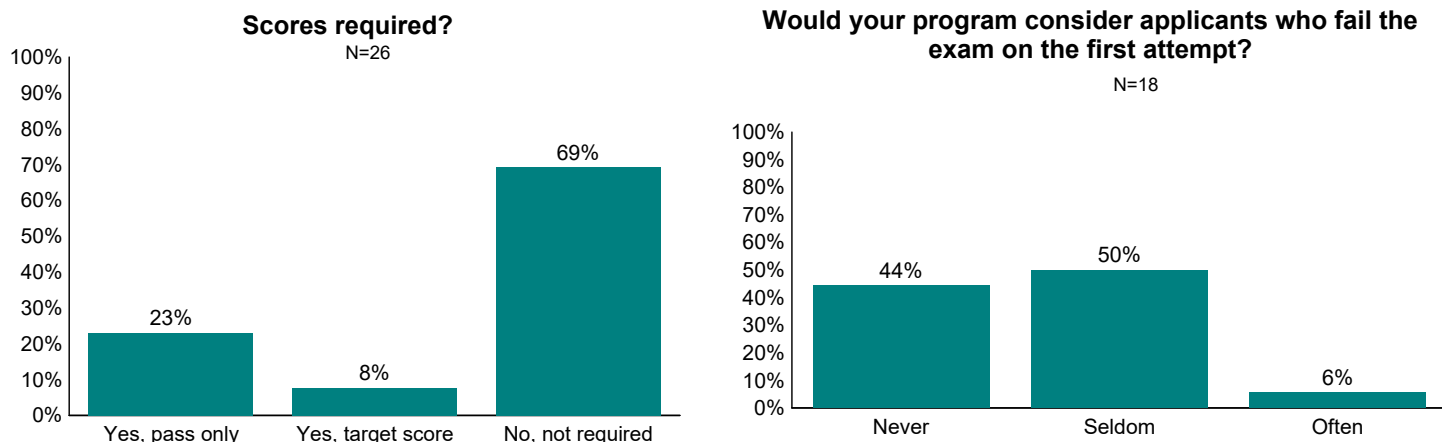


Figure-6

Cardiovascular Disease Programs Positions

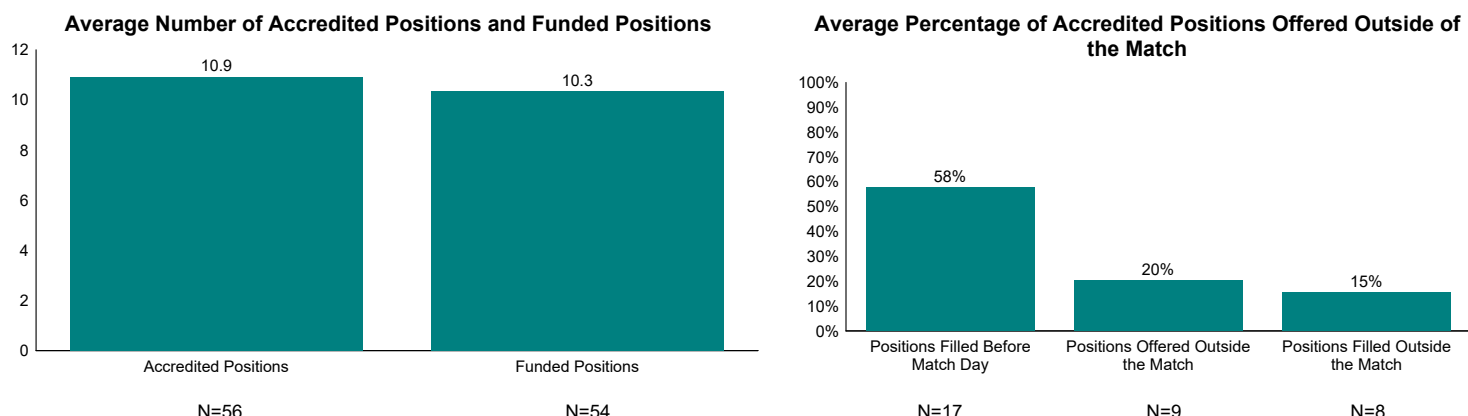
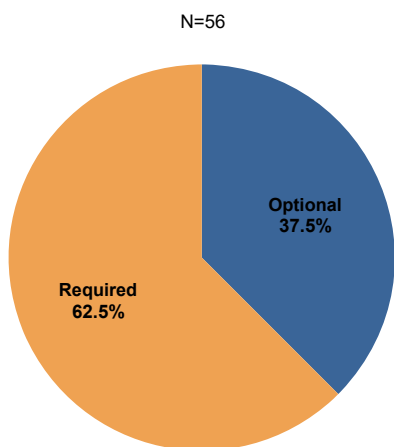


Figure-7

Cardiovascular Disease Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

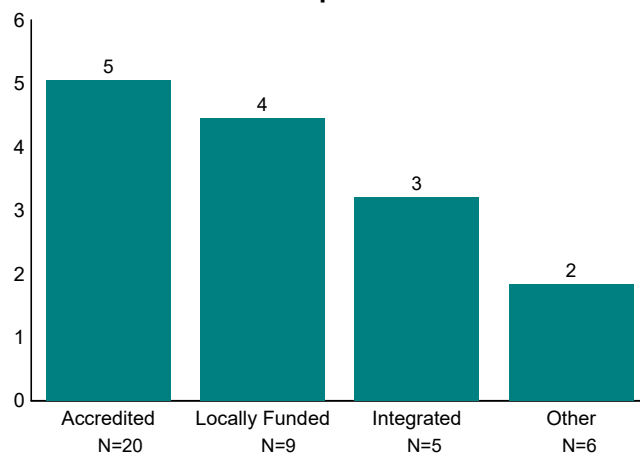
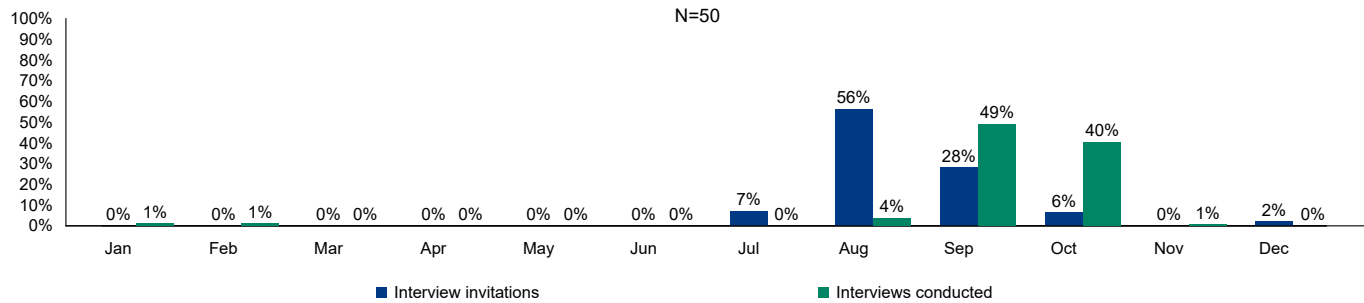


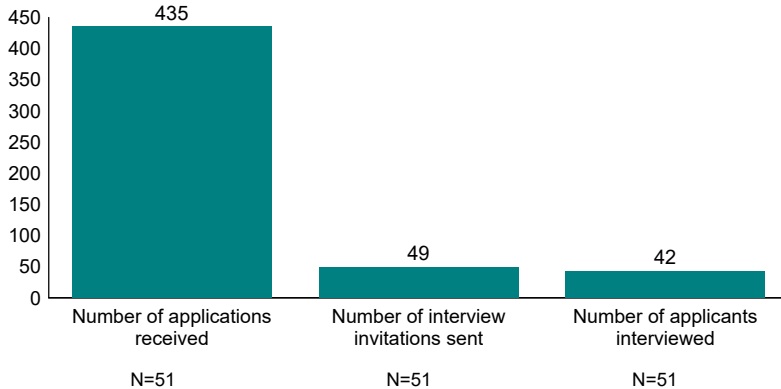
Figure-8

Cardiovascular Disease Program's Interview Activities

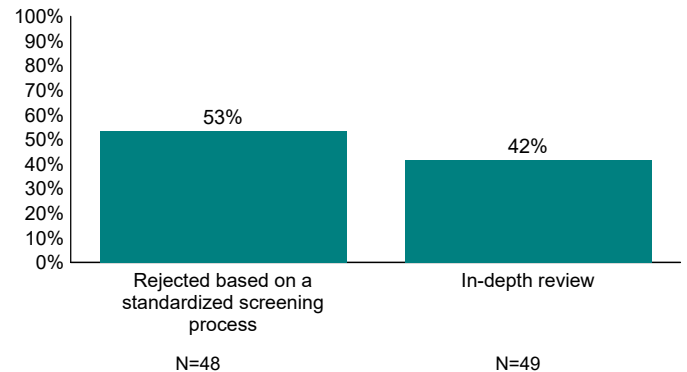
Interview Invitations Sent and Interviews Conducted



Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked

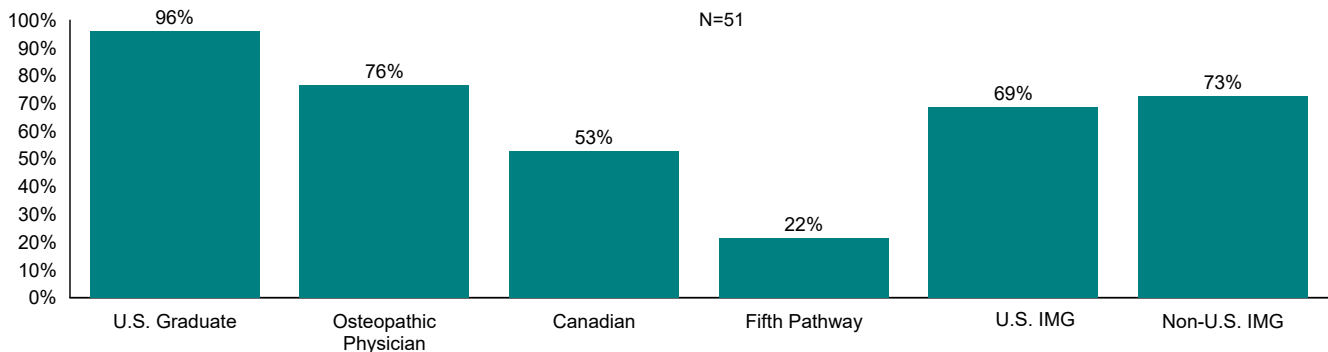


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

22% of Cardiovascular Disease programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

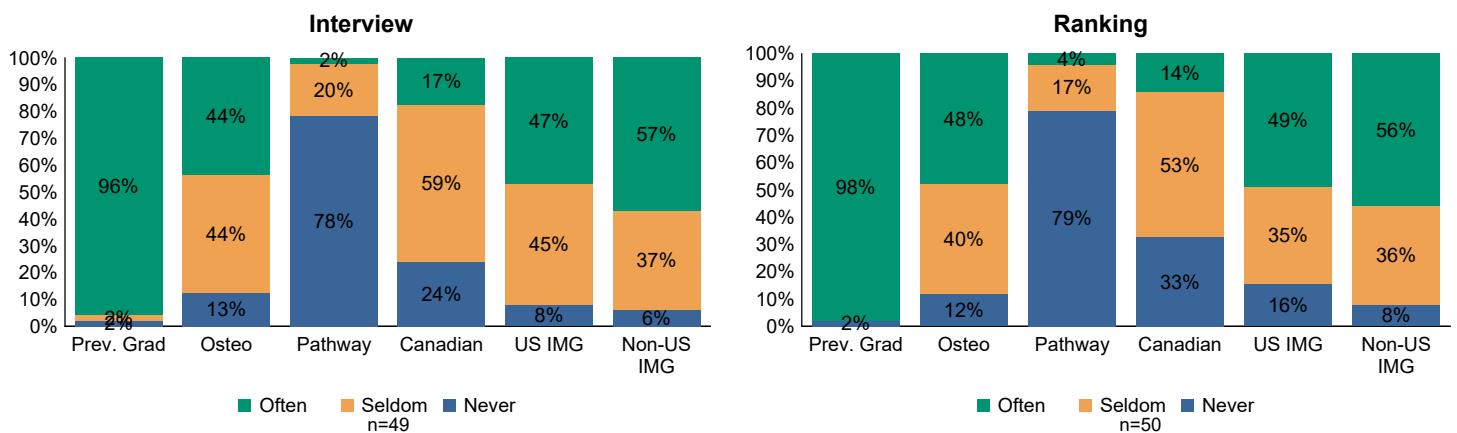


Figure-9

**Cardiovascular Disease
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=43

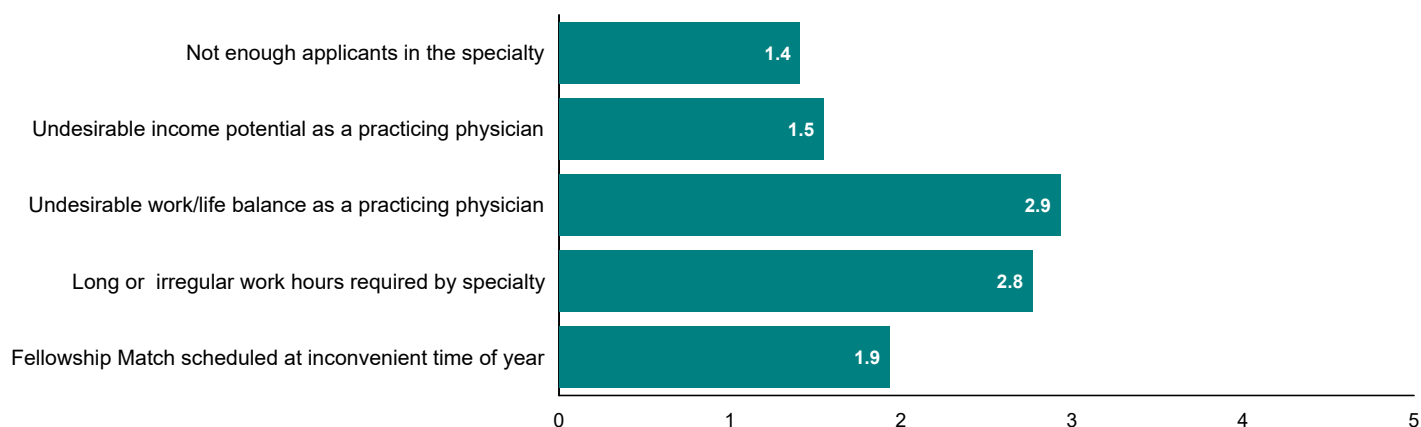


Figure-10

**Cardiovascular Disease
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=45

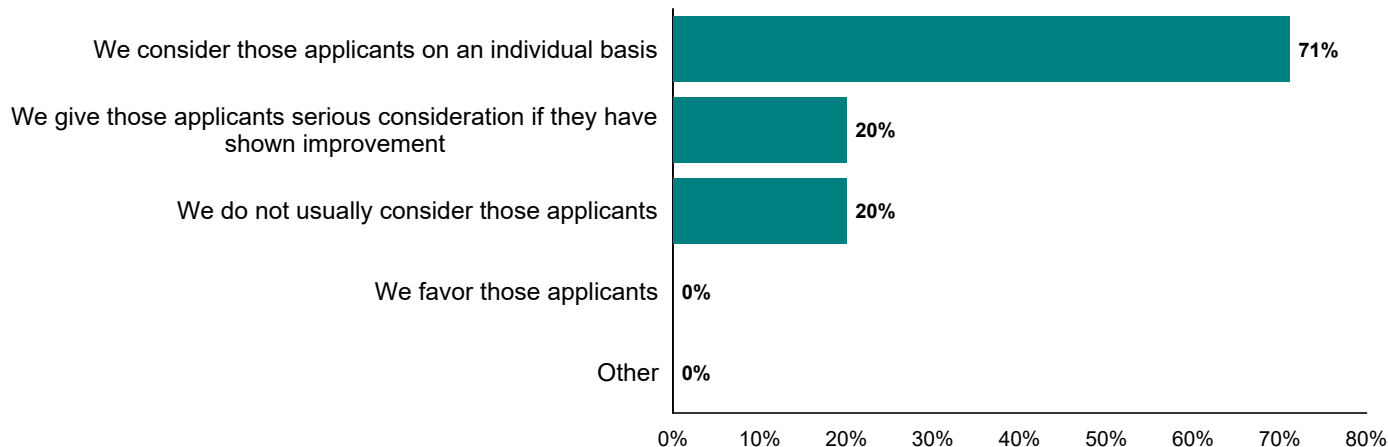
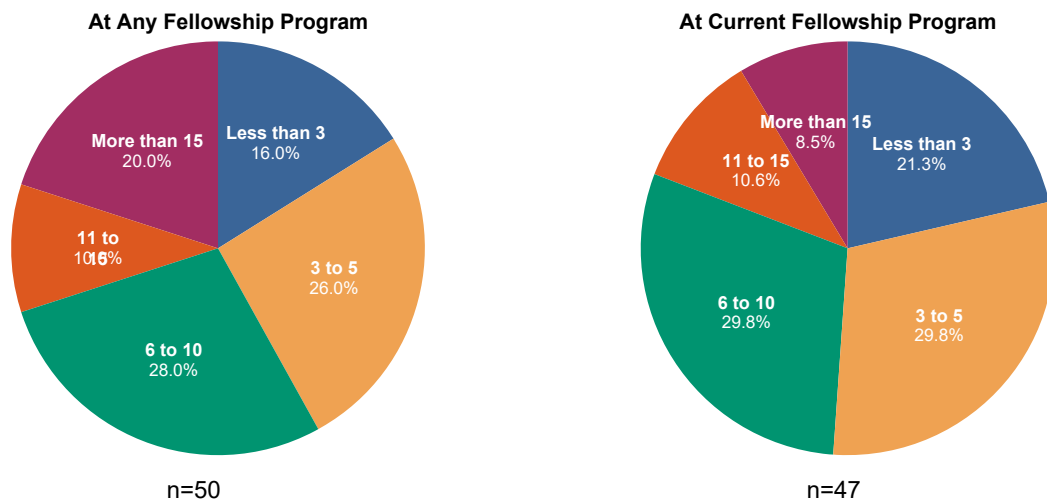


Figure-11

**Cardiovascular Disease
Years as Program Director**





Child and Adolescent Psychiatry

Table 1**Child and Adolescent Psychiatry
General Information****2016 Survey**

Number of responses	42
Response rate	40.8%

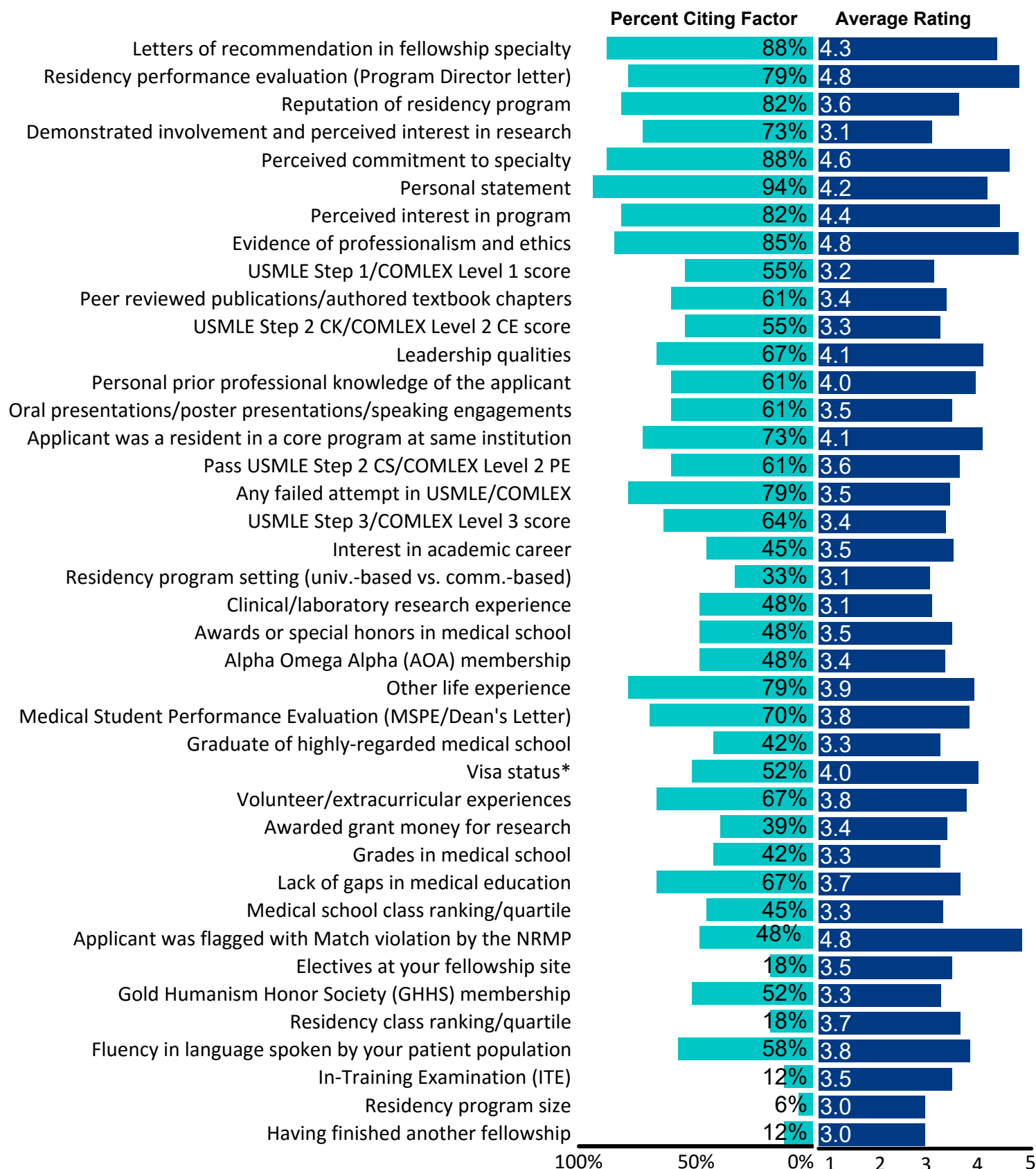
Match Information*

	Appointment Years		
	2016	2015	2014
Number of programs in the Match	107	104	107
Number of positions in the Match	340	338	351
Number of applicants ranking specialty	309	320	317

* Source: NRMP Data Warehouse

Figure-1

**Child and Adolescent Psychiatry
Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each
Factor in Selecting Applicants to Interview
(N=33)**



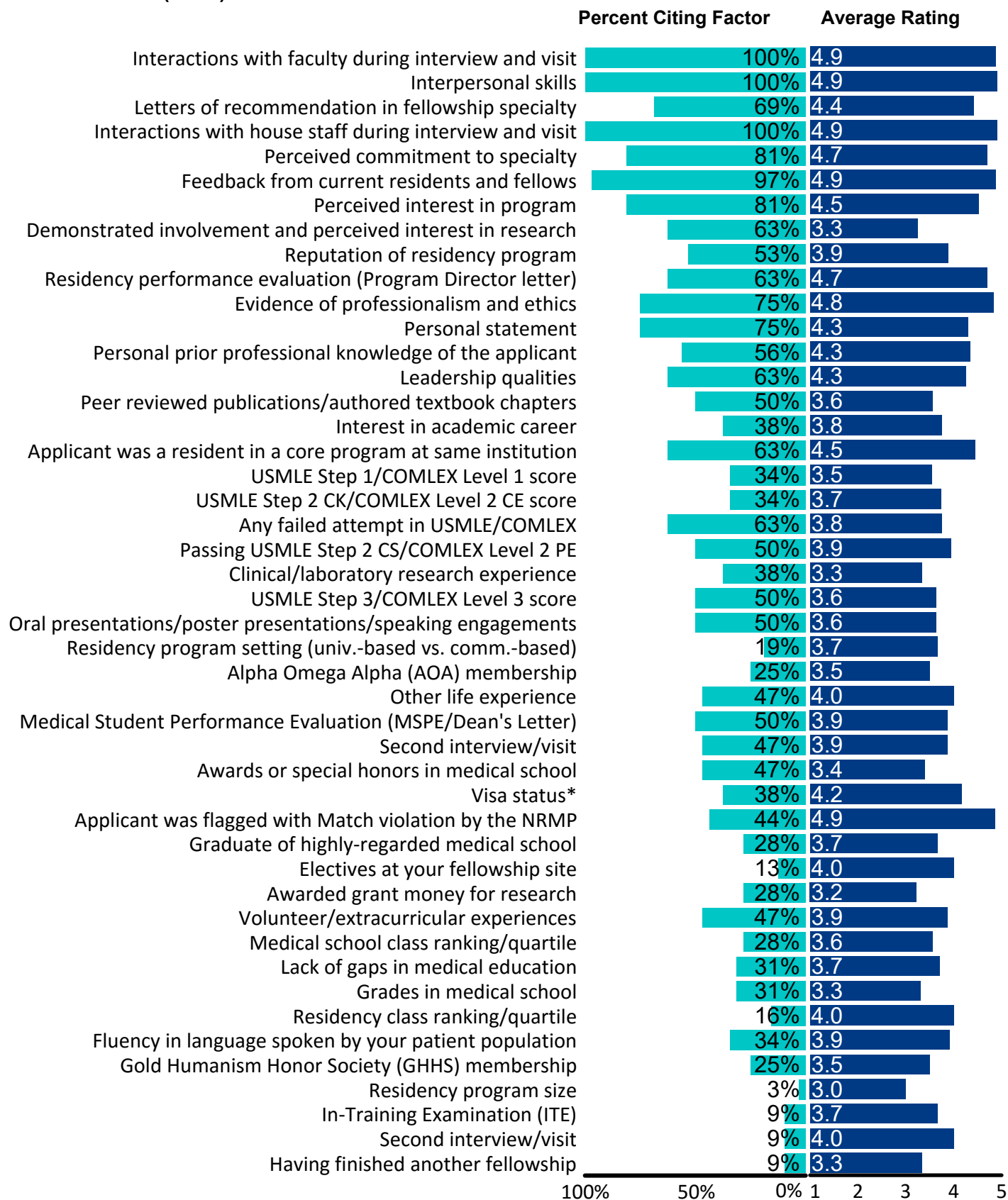
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Child and Adolescent Psychiatry

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=33)



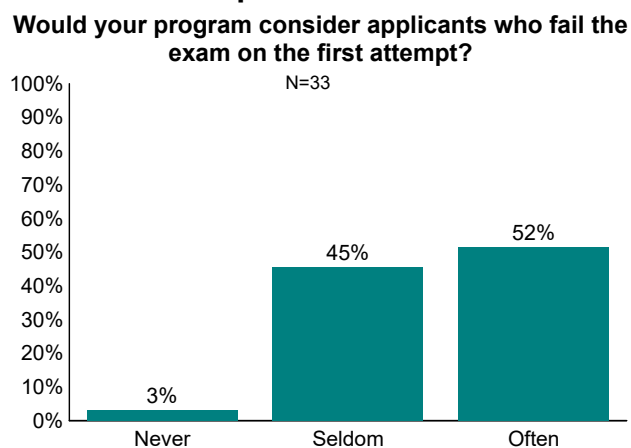
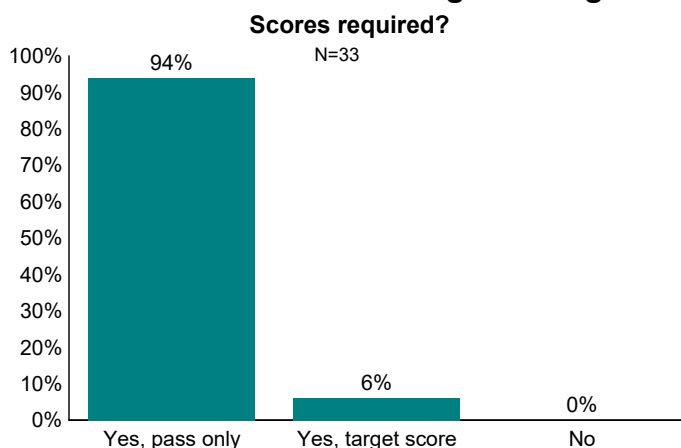
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

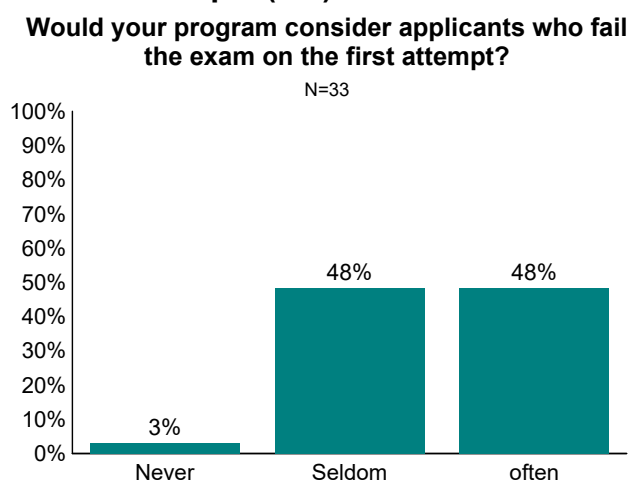
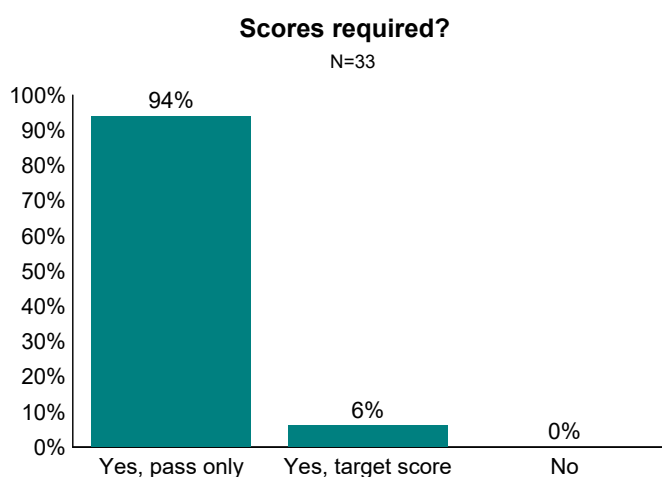
Figure-3

**Child and Adolescent Psychiatry
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**

**Scores Below Which Programs
Generally Do Not Grant Interviews**

USMLE Step 1 not
reported because
of low response
rate

USMLE Step 2 CK
not reported
because of low
response rate

**Scores Above Which Programs
Almost Always Grant Interviews**

USMLE Step 1 not
reported because
of low response
rate

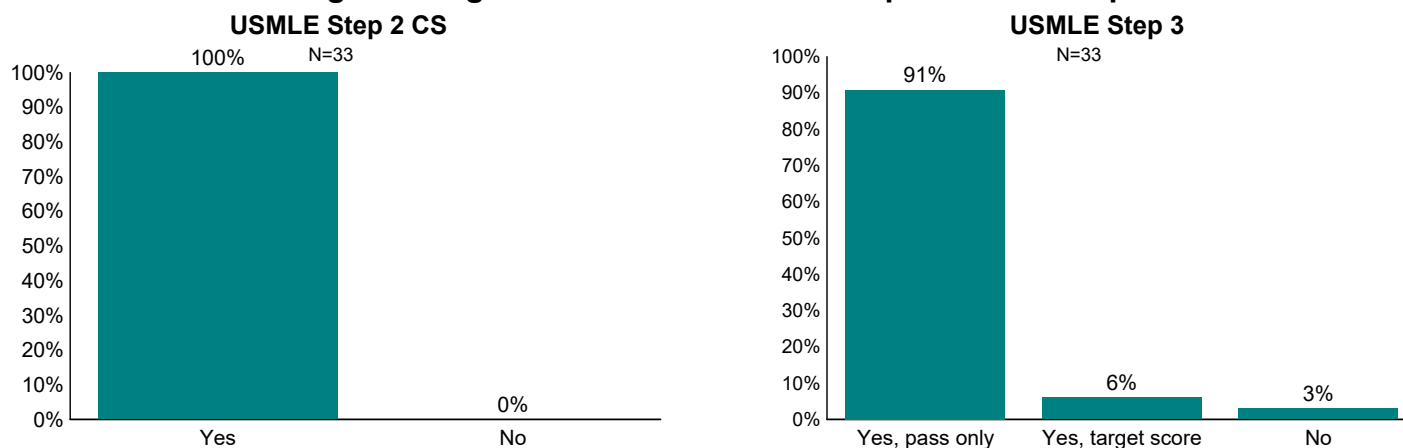
USMLE Step 2 CK
not reported
because of low
response rate

*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

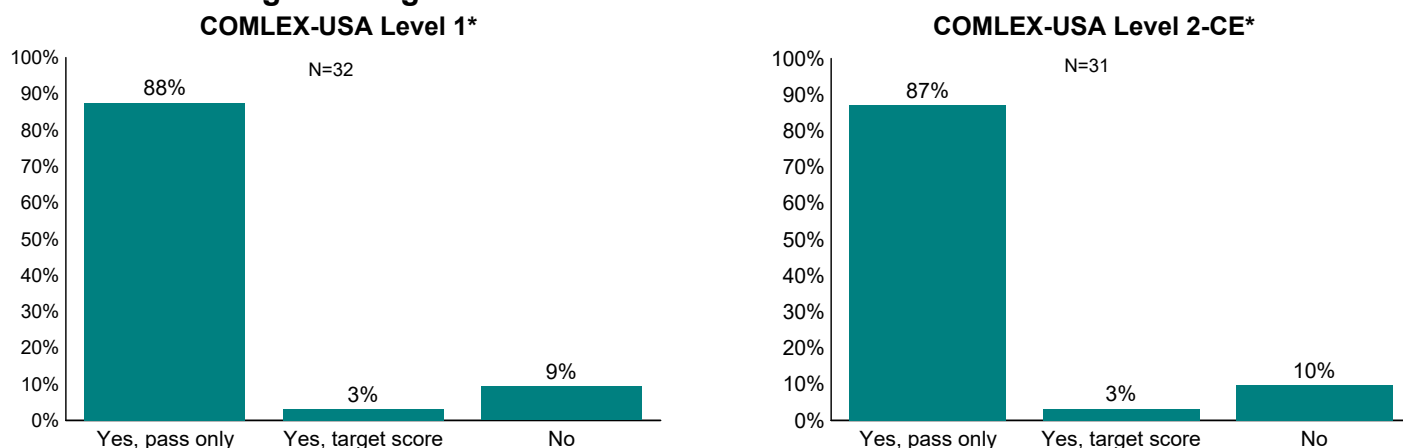
Figure-4

**Child and Adolescent Psychiatry
Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and
COMLEX-USA Scores* When Considering Which Applicants to Interview**

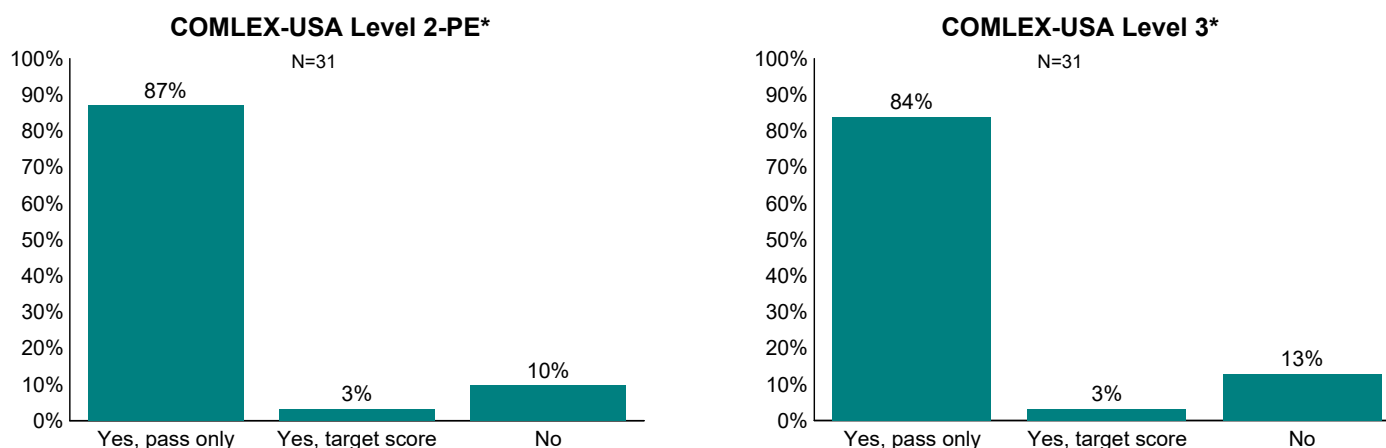
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Child and Adolescent Psychiatry Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

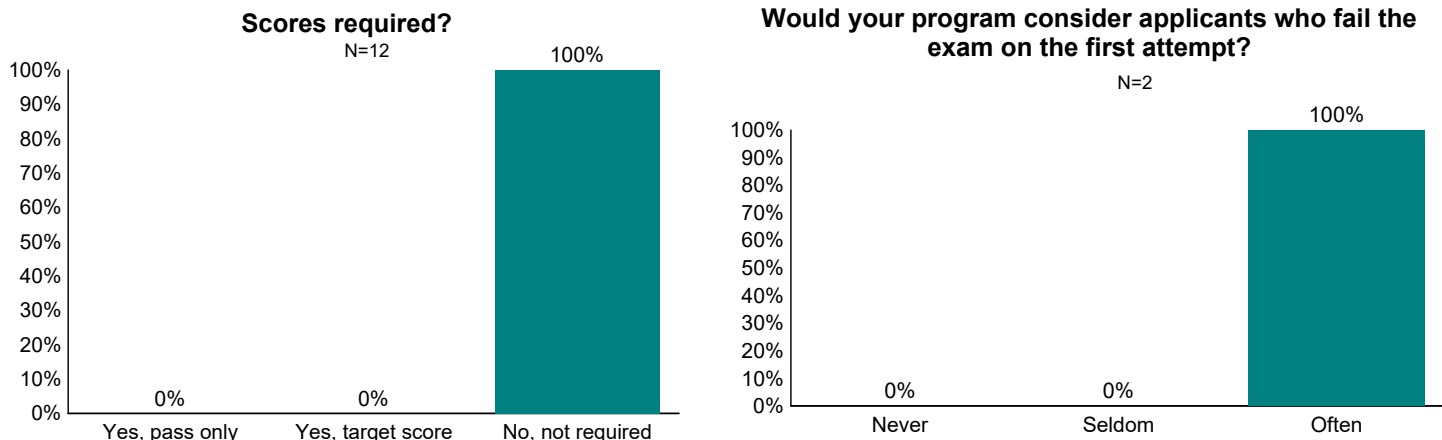


Figure-6

Child and Adolescent Psychiatry Programs Positions

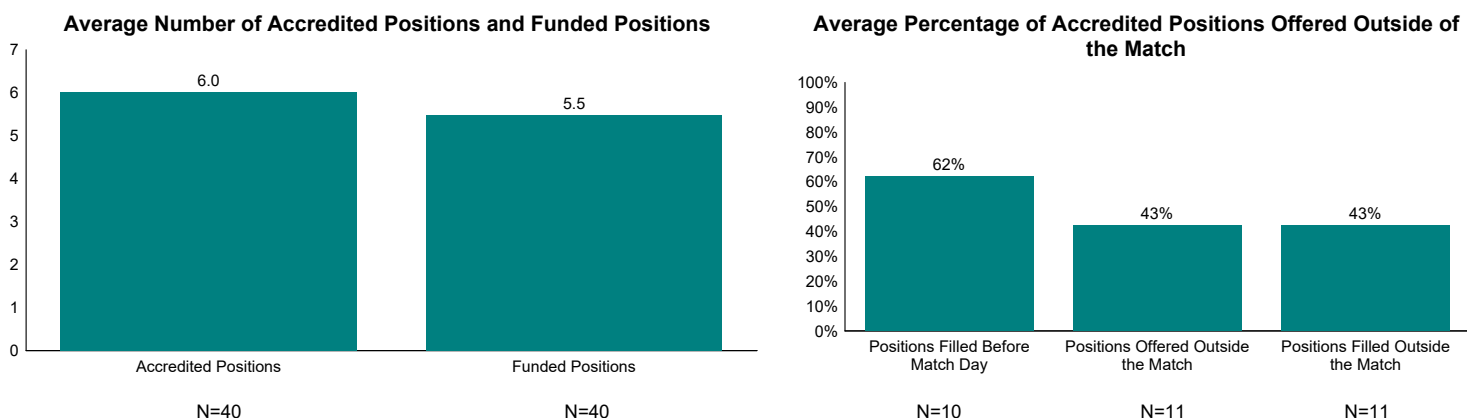
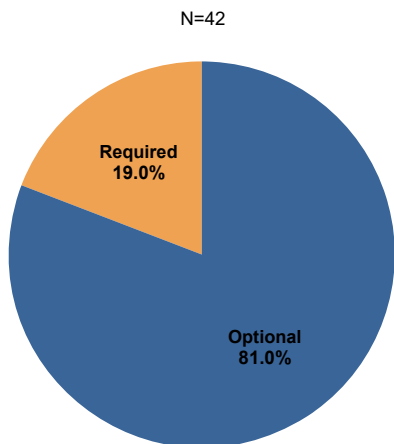


Figure-7

Child and Adolescent Psychiatry Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

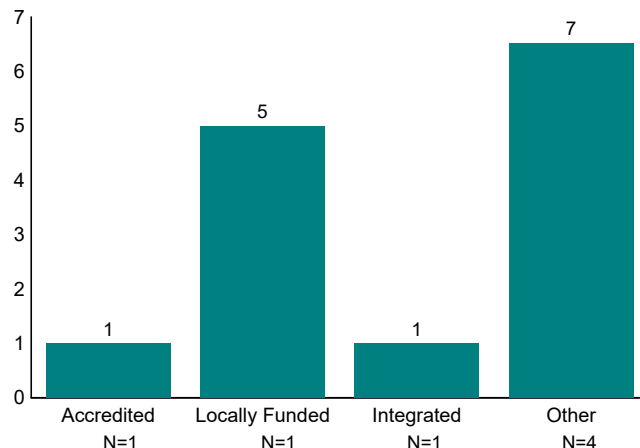
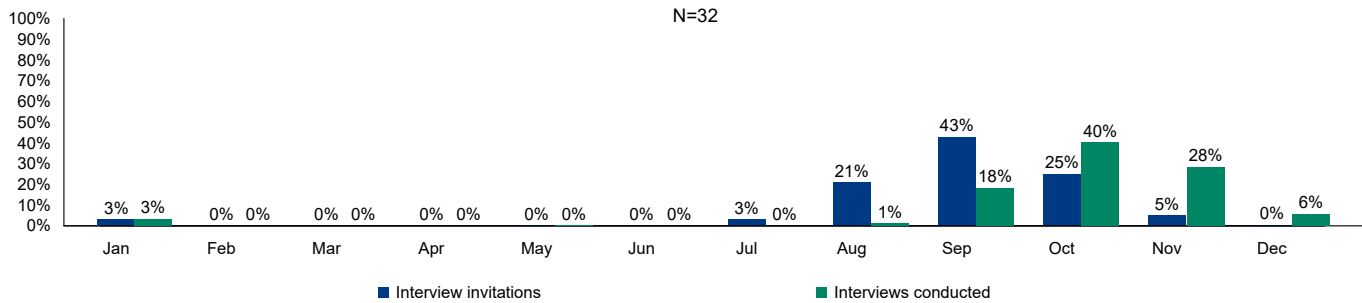


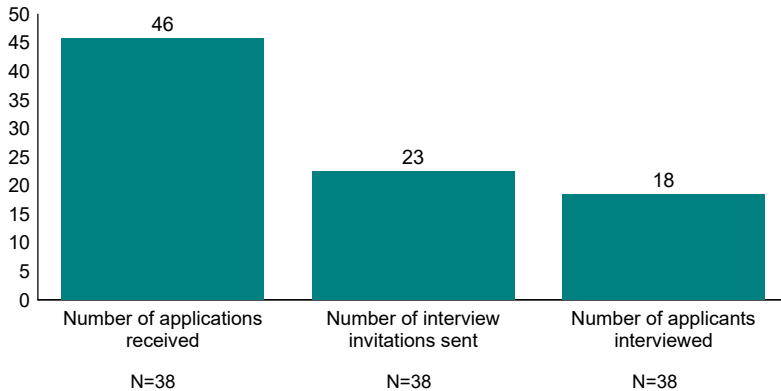
Figure-8

Child and Adolescent Psychiatry Program's Interview Activities

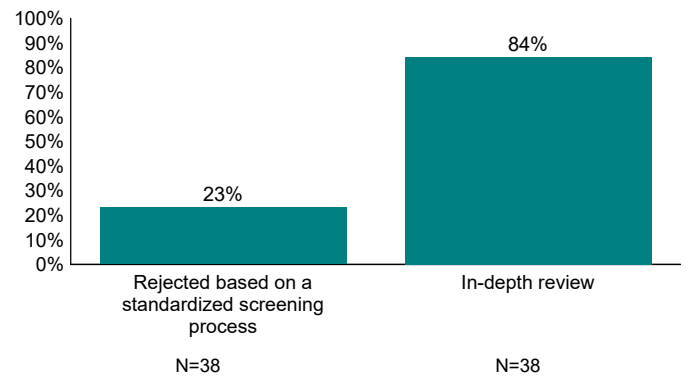
Interview Invitations Sent and Interviews Conducted



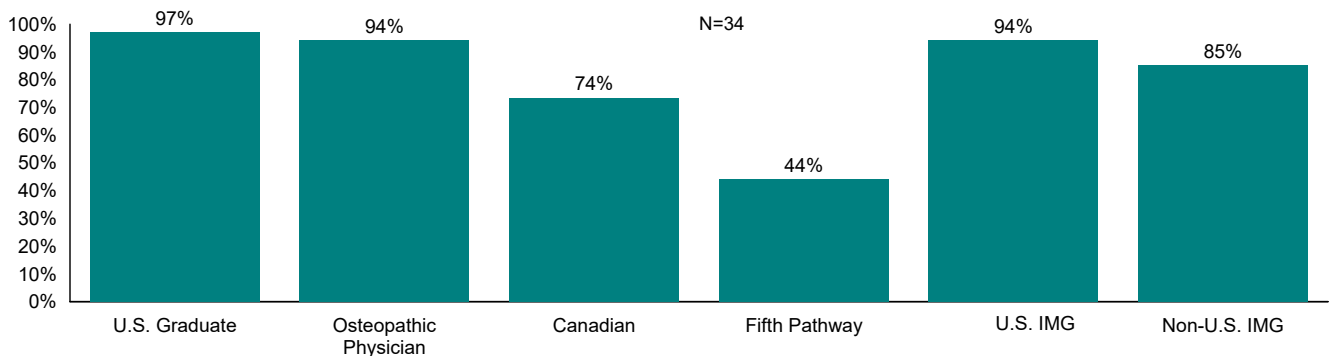
Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked



Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type
38% of Child and Adolescent Psychiatry programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

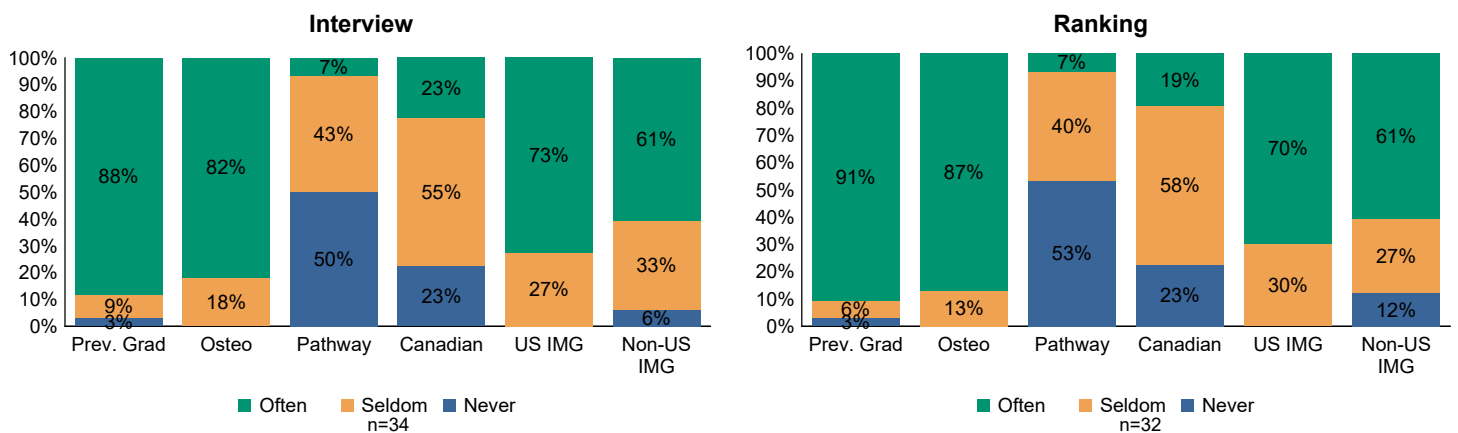


Figure-9

**Child and Adolescent Psychiatry
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=31

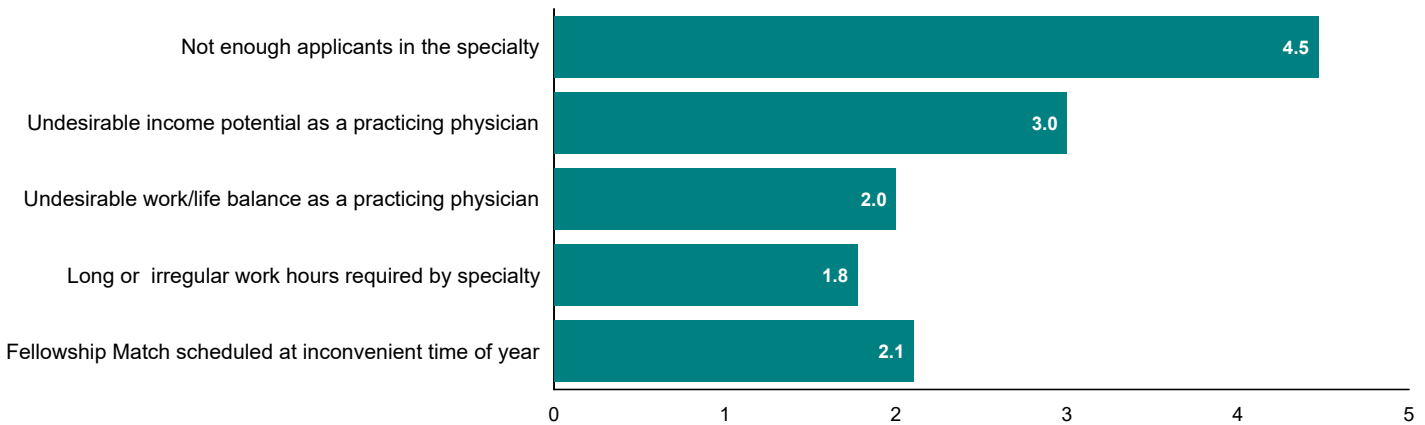


Figure-10

**Child and Adolescent Psychiatry
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=32

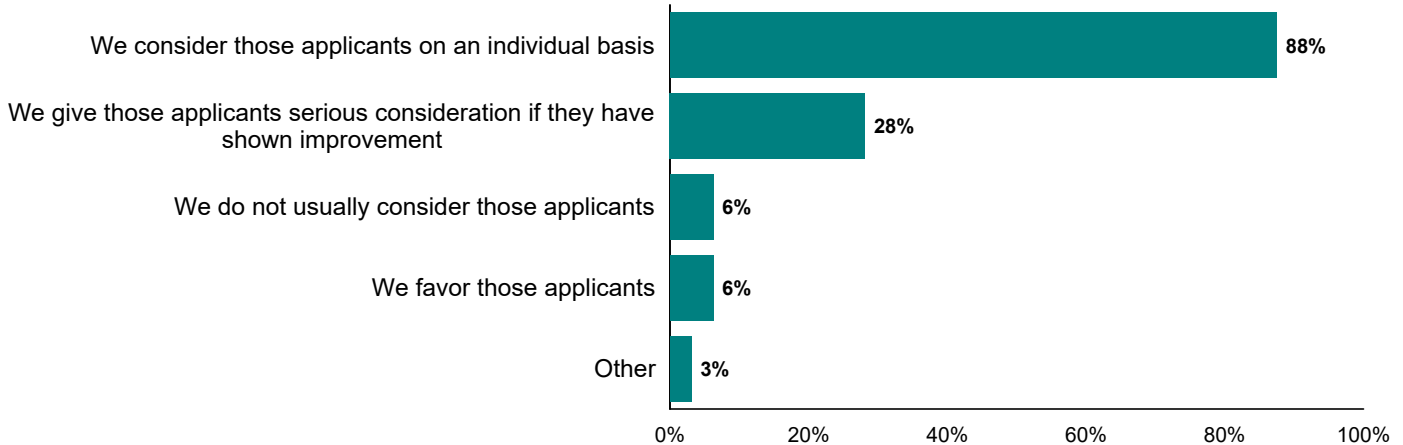
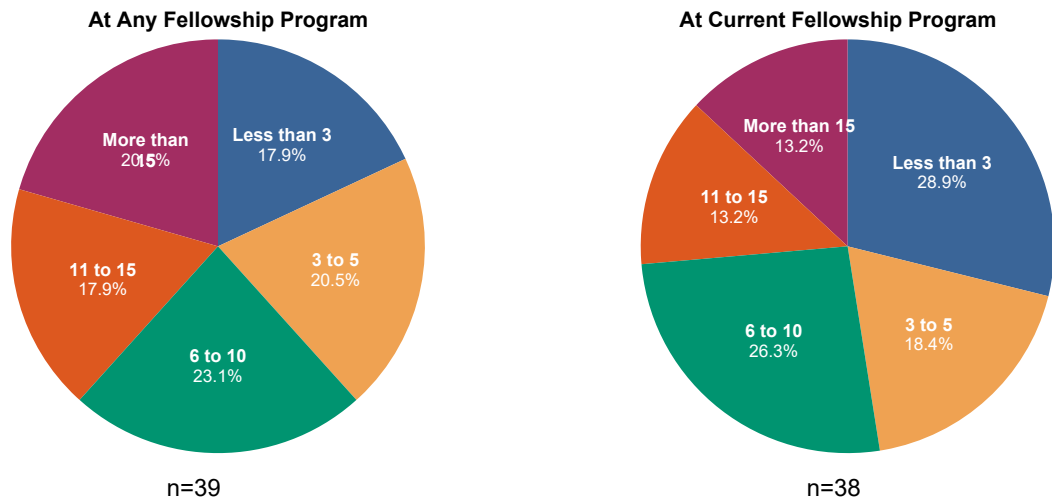


Figure-11

**Child and Adolescent Psychiatry
Years as Program Director**





Colon and Rectal Surgery

Table 1**Colon and Rectal Surgery
General Information****2016 Survey**

Number of responses	18
Response rate	34.0%

Match Information*

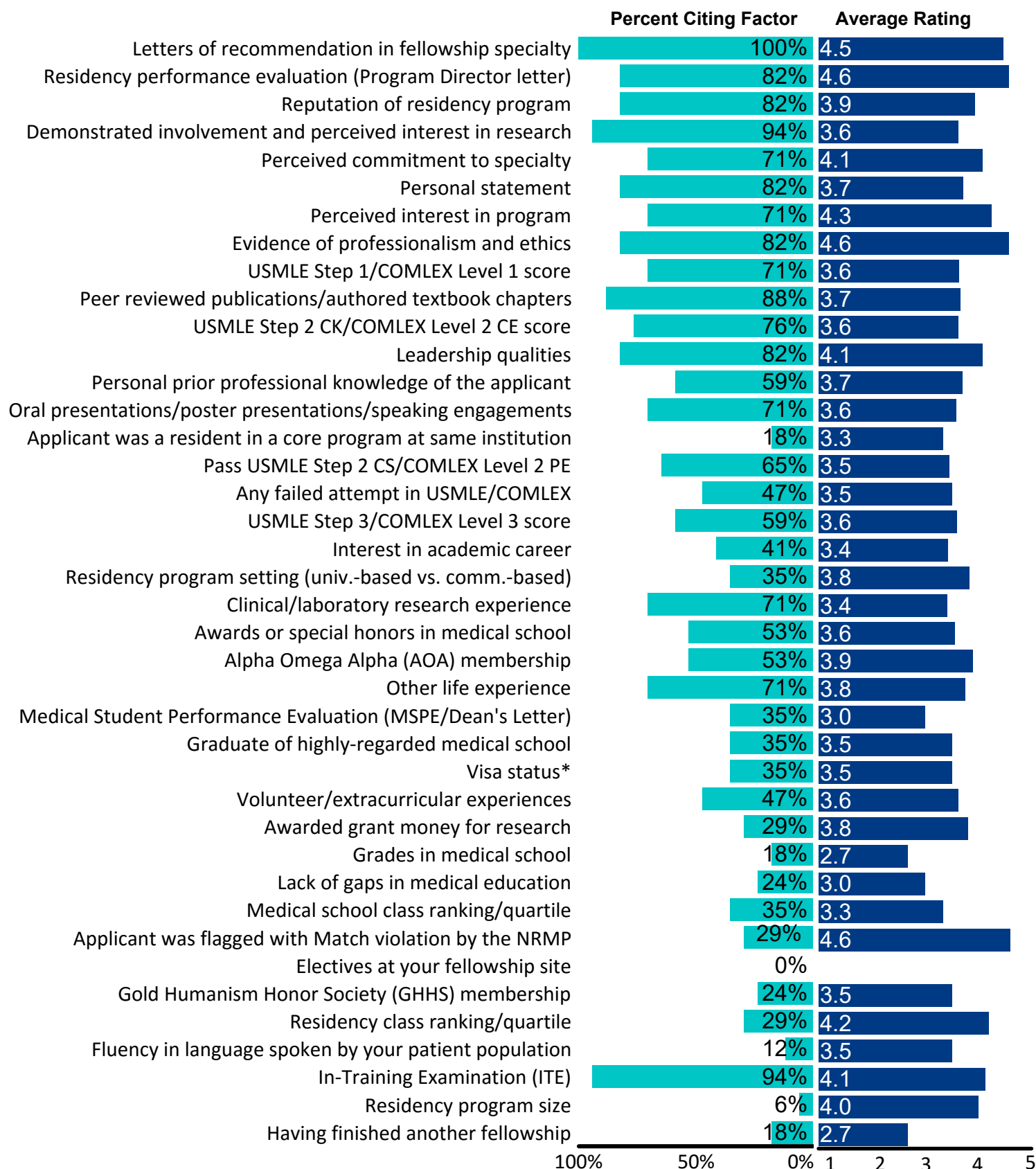
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	54	55	54
Number of positions in the Match	93	93	92
Number of applicants ranking specialty	110	110	128

* Source: NRMP Data Warehouse

Figure-1

Colon and Rectal Surgery

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=17)



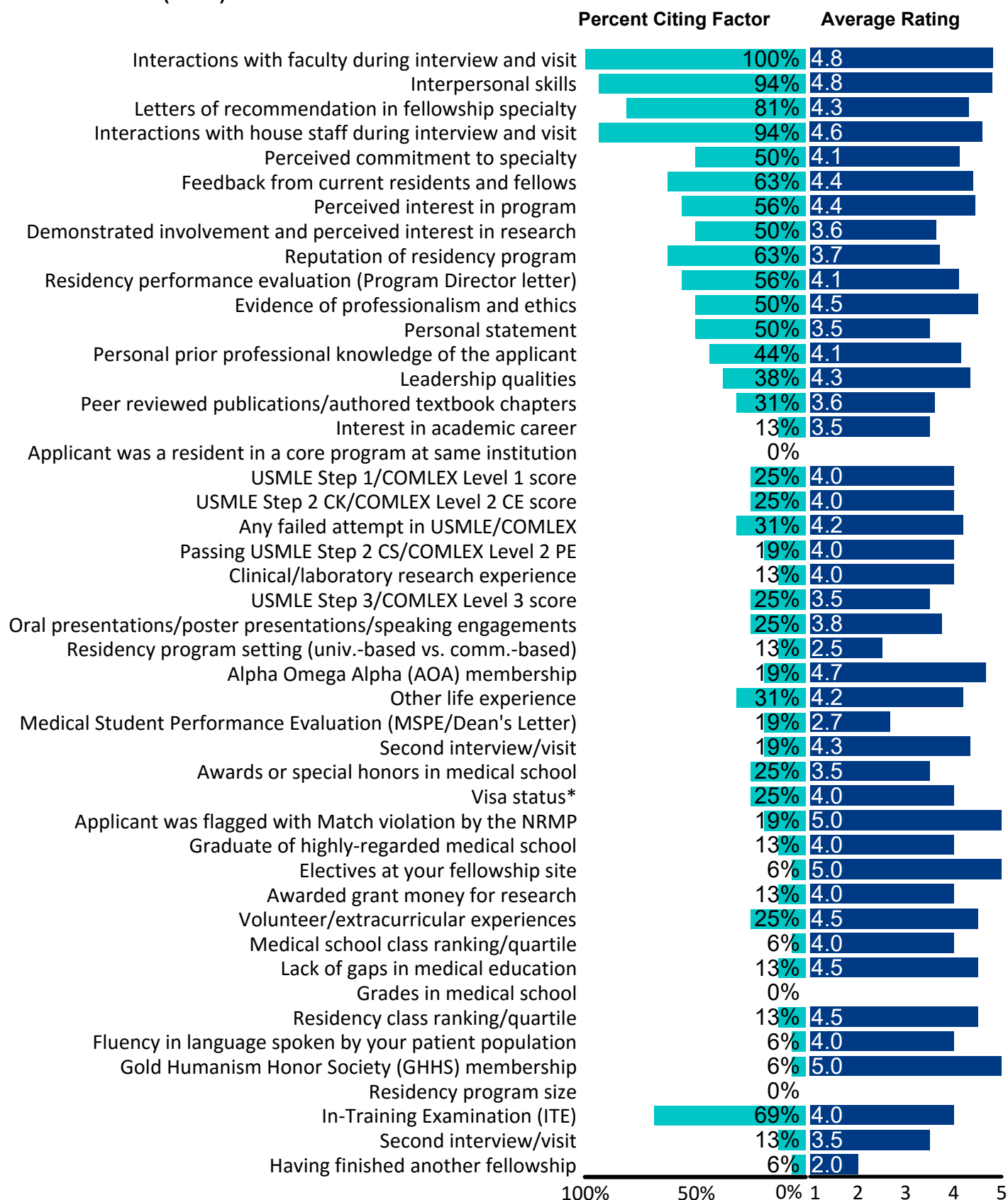
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Colon and Rectal Surgery

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=17)



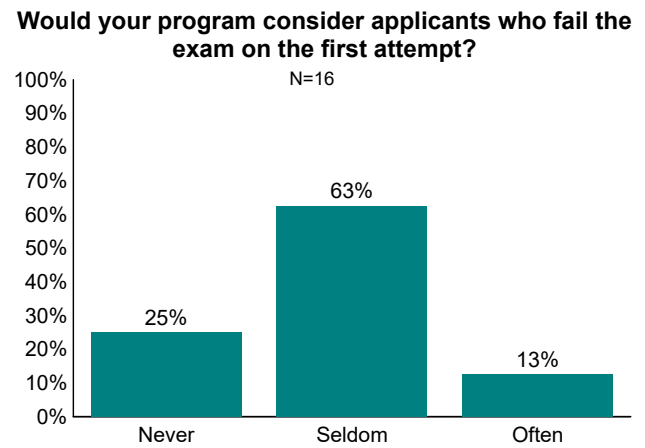
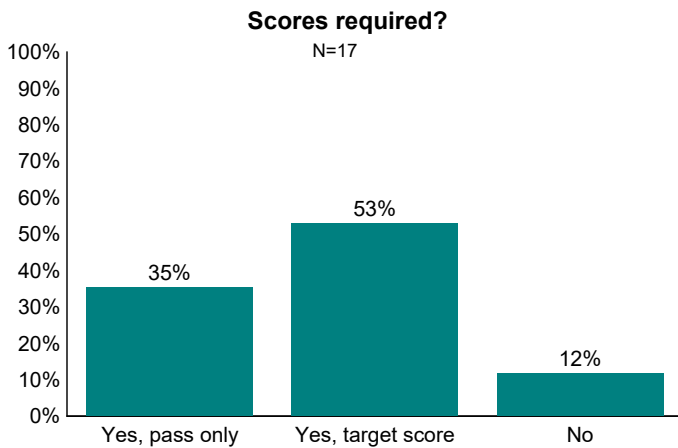
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

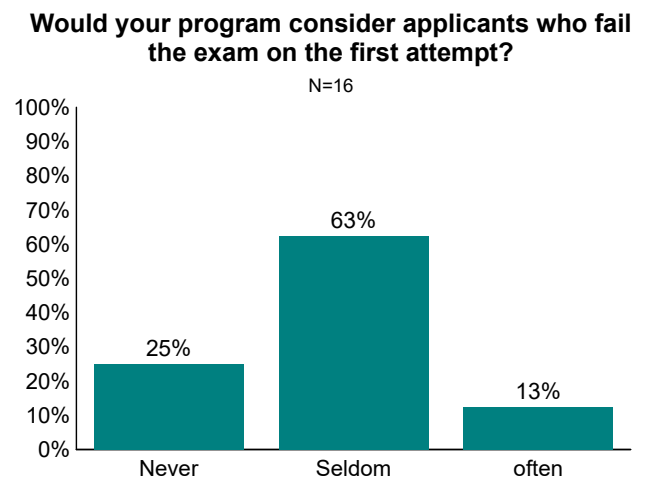
Figure-3

**Colon and Rectal Surgery
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

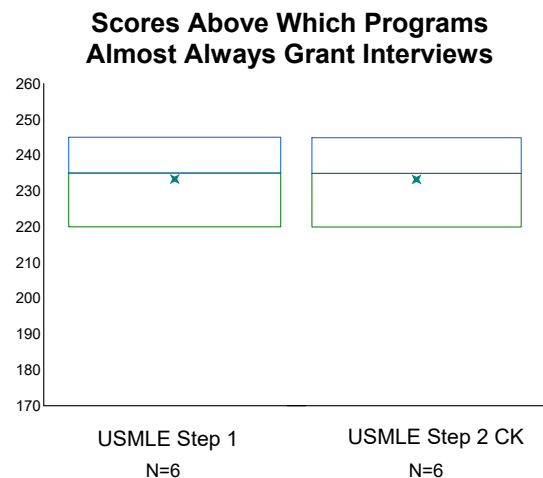
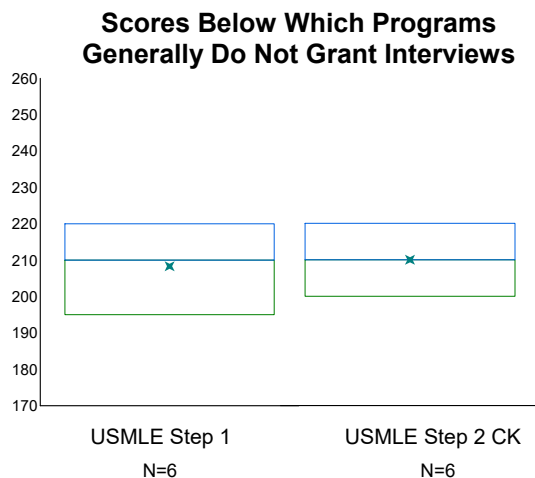
Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**



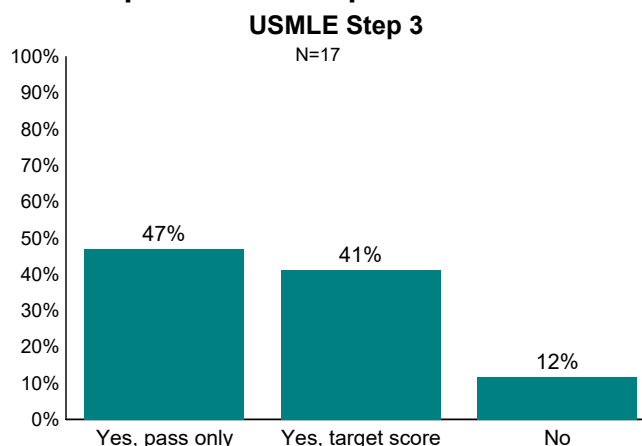
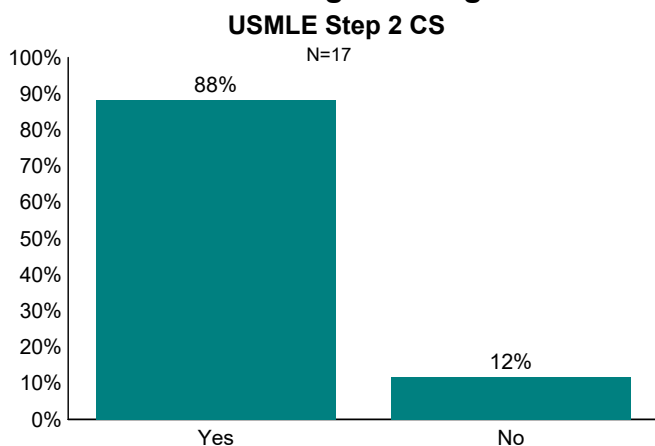
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

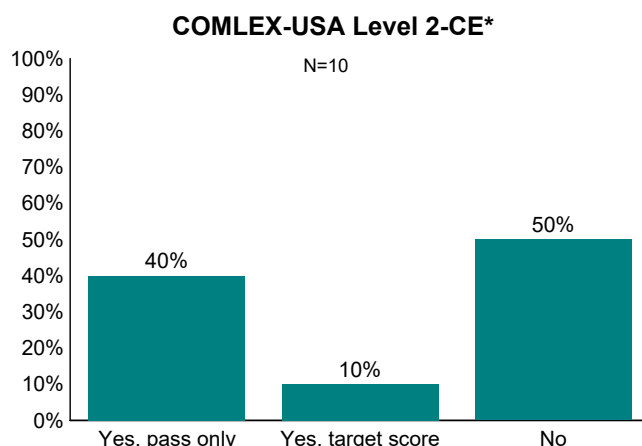
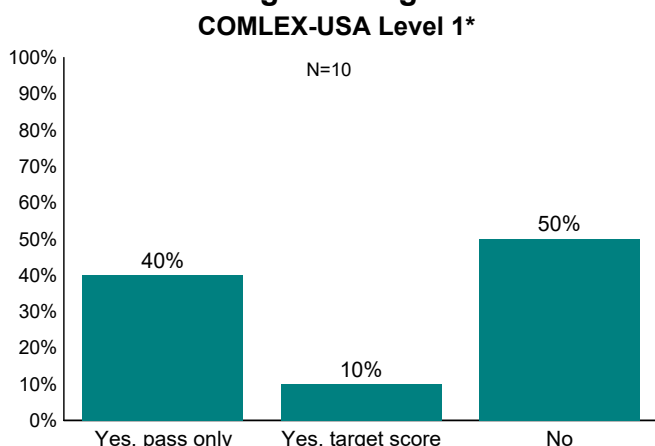
Colon and Rectal Surgery

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

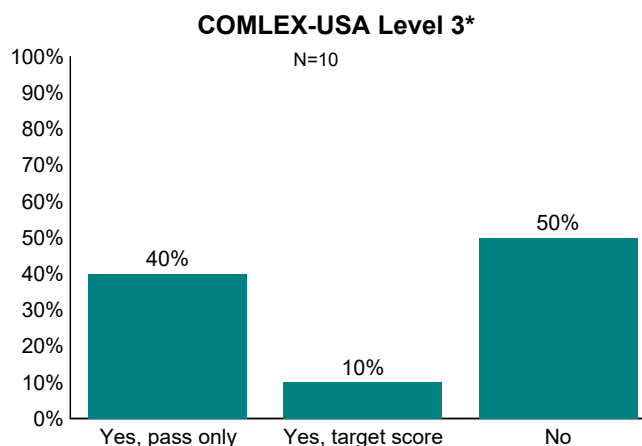
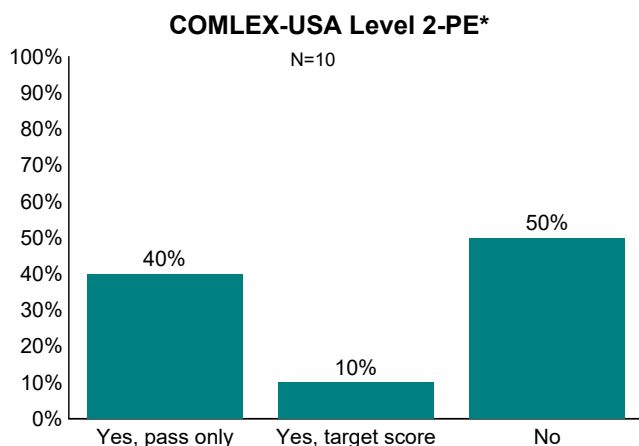
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Colon and Rectal Surgery Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

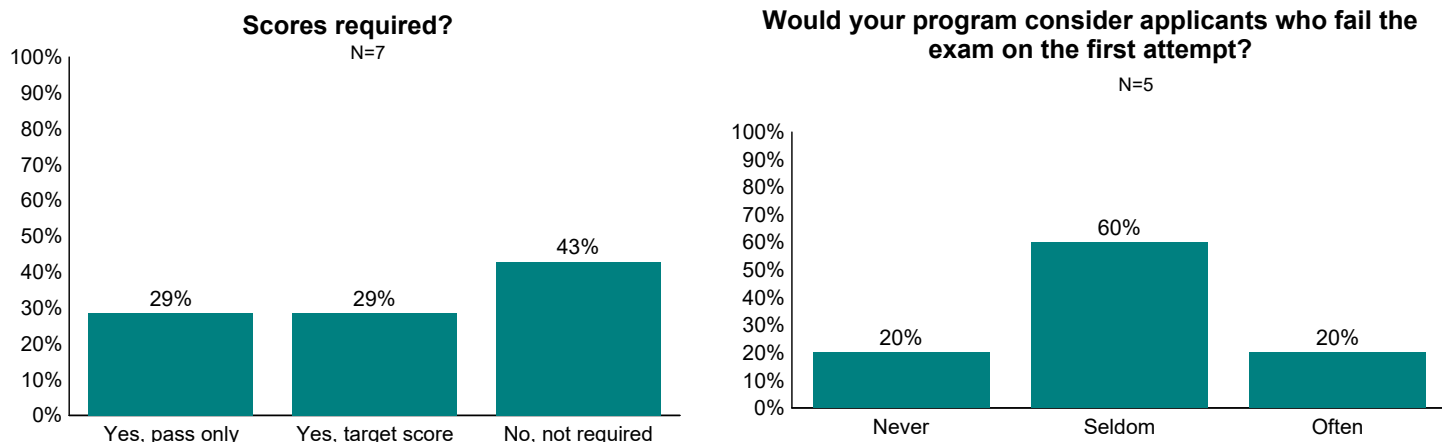


Figure-6

Colon and Rectal Surgery Programs Positions

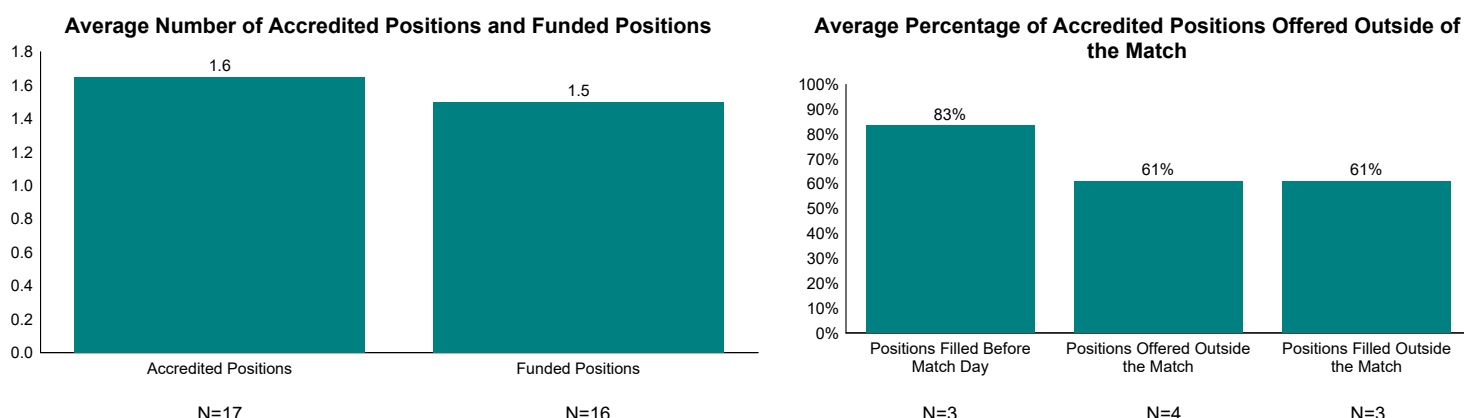
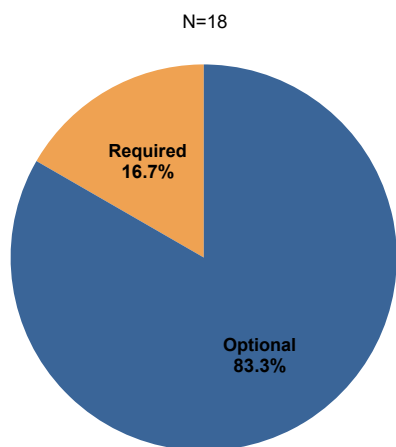


Figure-7

Colon and Rectal Surgery Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

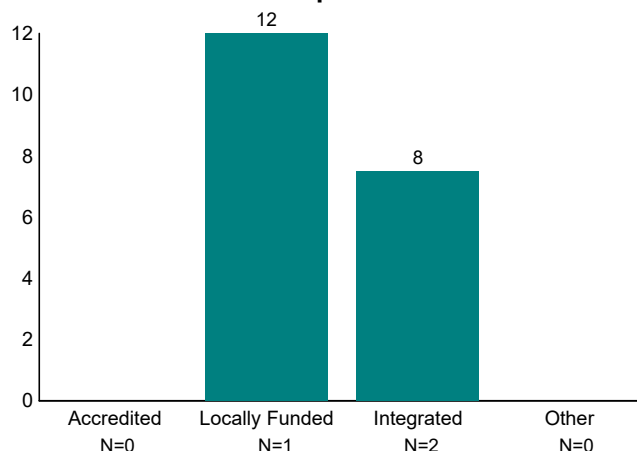
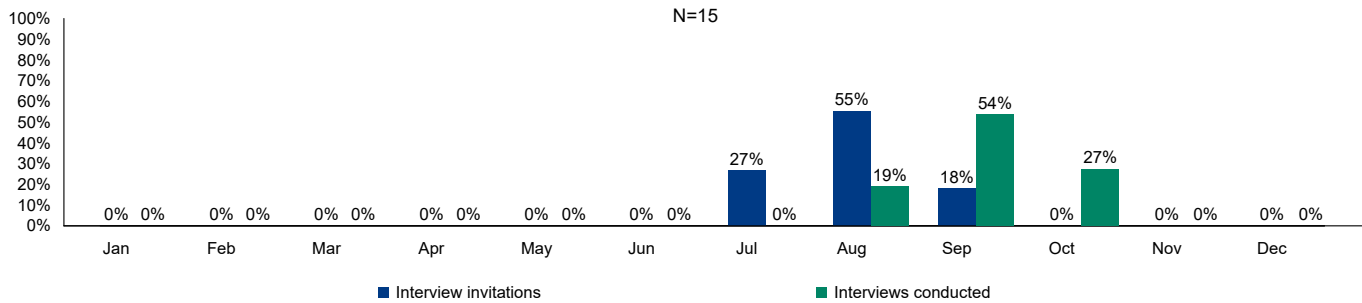


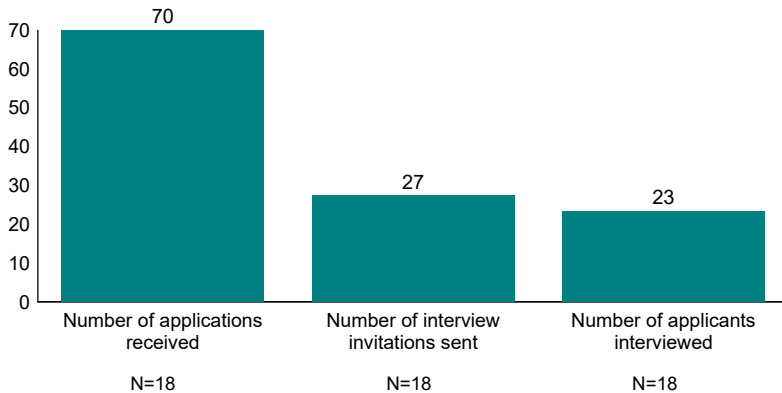
Figure-8

Colon and Rectal Surgery Program's Interview Activities

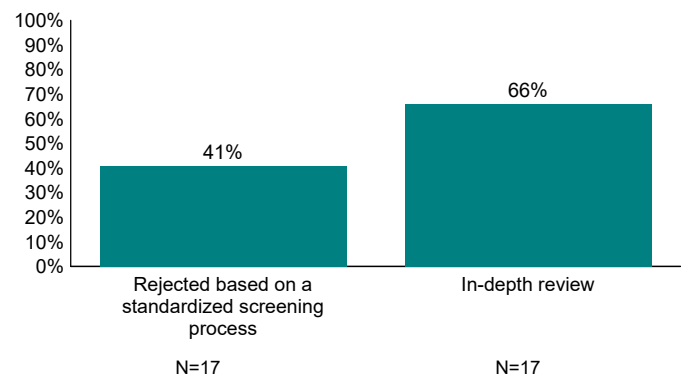
Interview Invitations Sent and Interviews Conducted



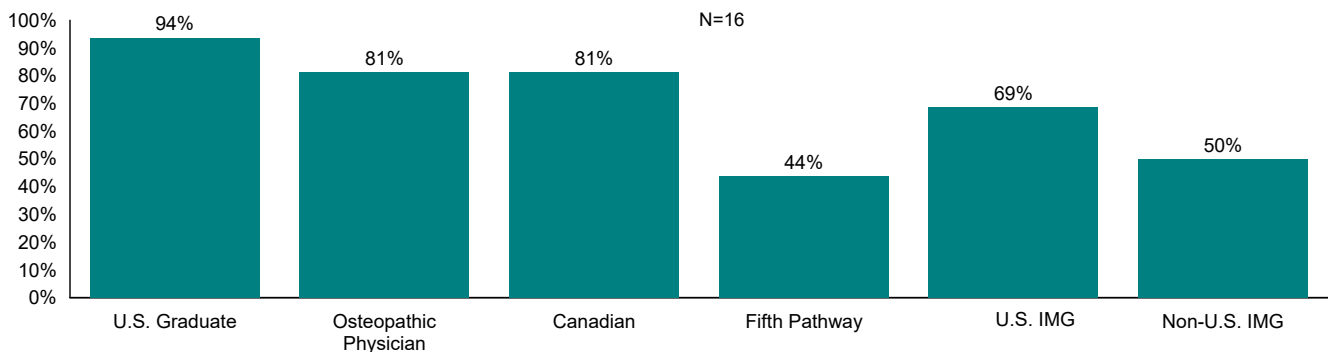
Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked



Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type
38% of Colon and Rectal Surgery programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

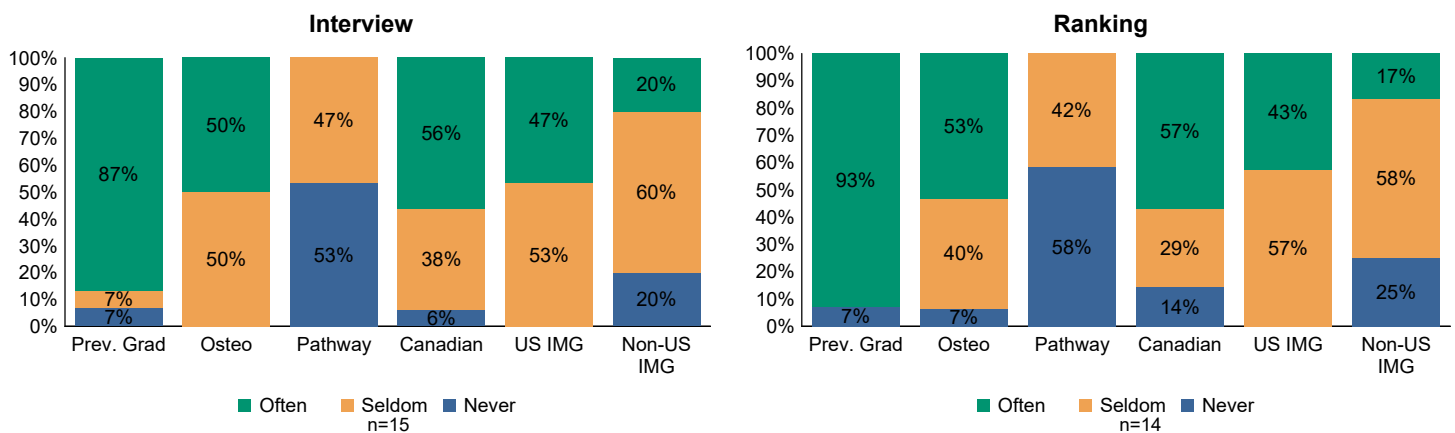


Figure-9

Colon and Rectal Surgery Potential Challenges in Recruiting Applicants to Your Specialty

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=15

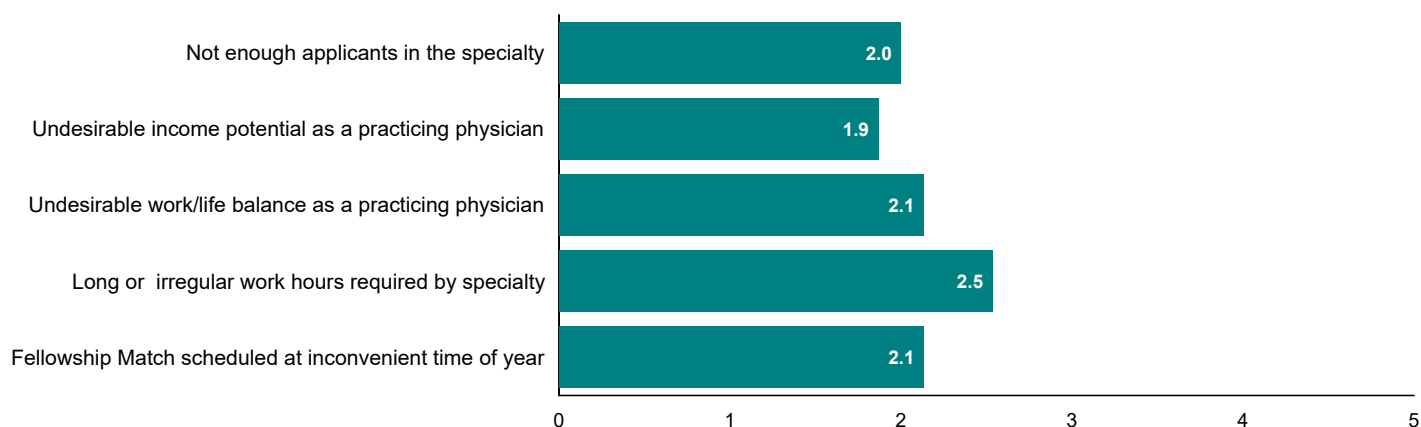


Figure-10

Colon and Rectal Surgery Applicants Who Applied in the Specialty in the Past But Did Not Match

n=15

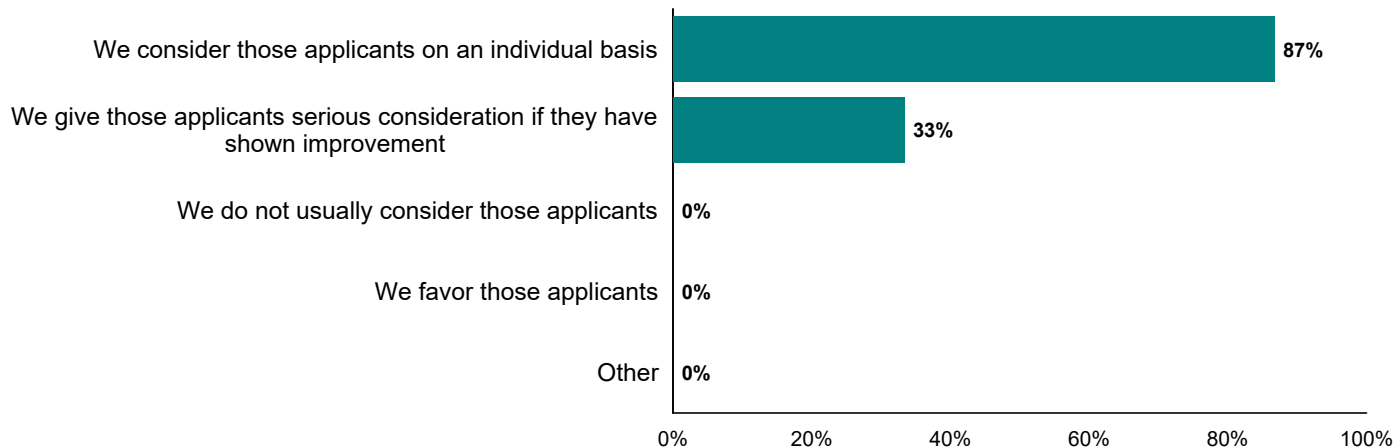
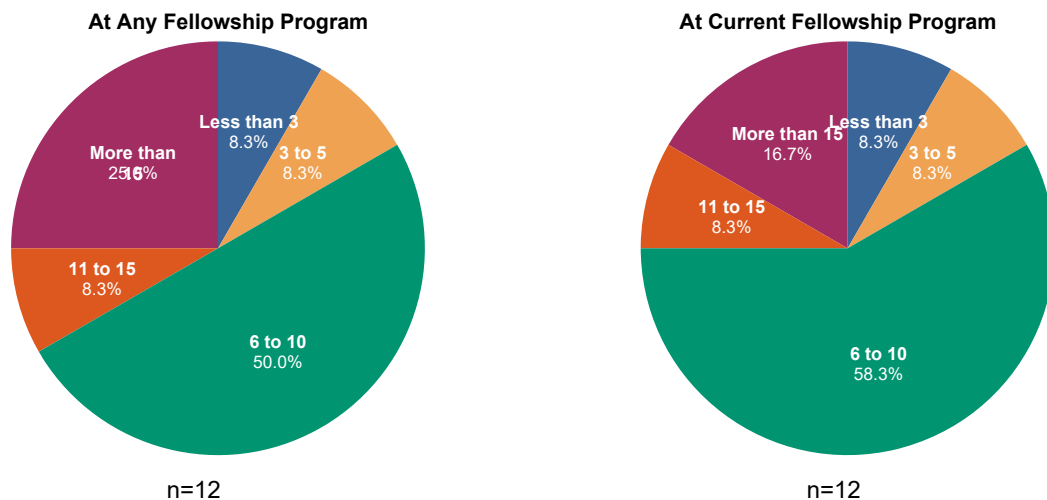


Figure-11

Colon and Rectal Surgery Years as Program Director





Developmental-Behavioral Pediatrics

Table 1**Developmental-Behavioral Pediatrics
General Information****2016 Survey**

Number of responses	16
Response rate	47.1%

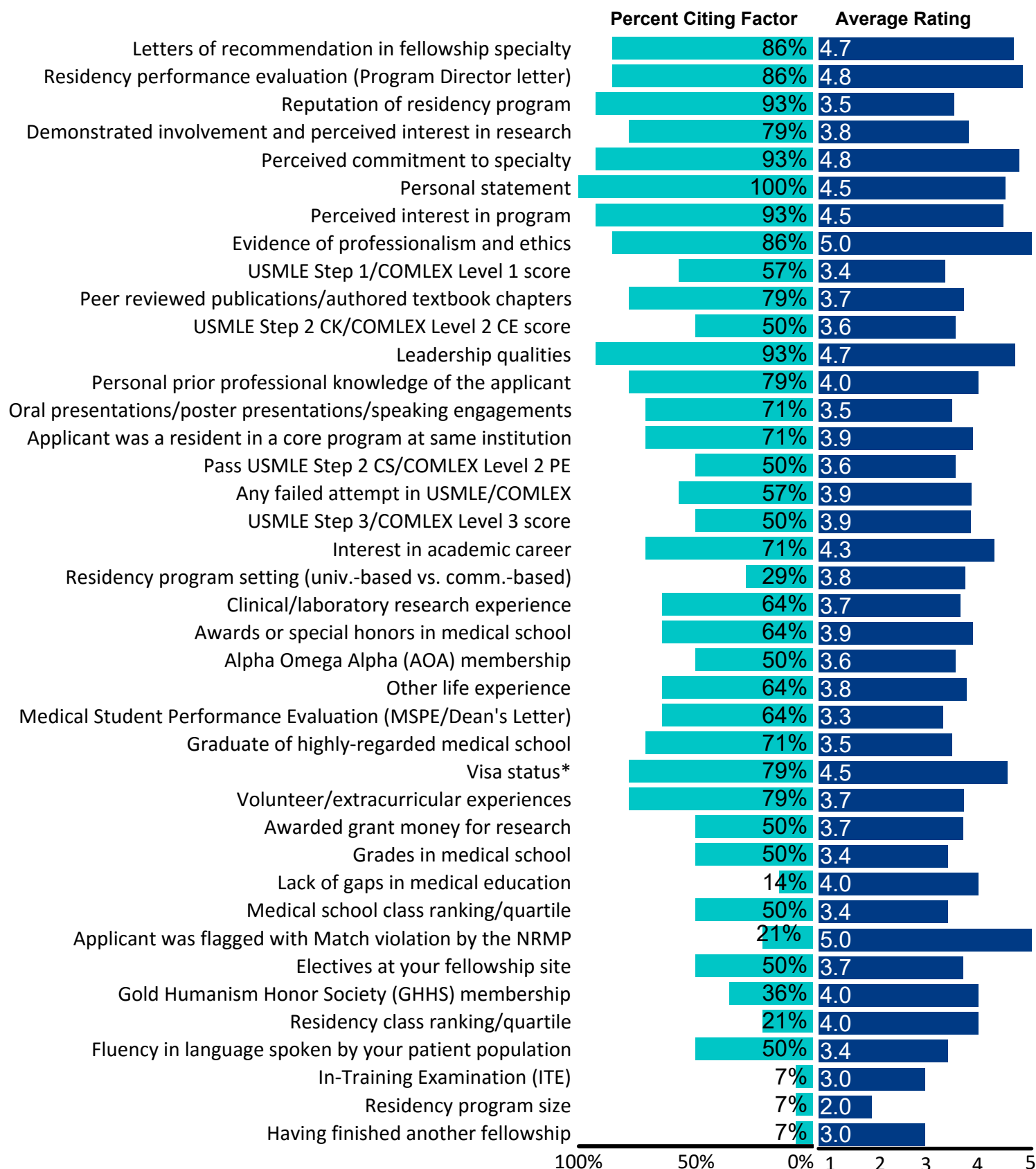
Match Information*

	Appointment Years		
	2016	2015	2014
Number of programs in the Match	36	33	29
Number of positions in the Match	48	41	38
Number of applicants ranking specialty	28	38	28

* Source: NRMP Data Warehouse

Figure-1

**Developmental-Behavioral Pediatrics
Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each
Factor in Selecting Applicants to Interview
(N=14)**



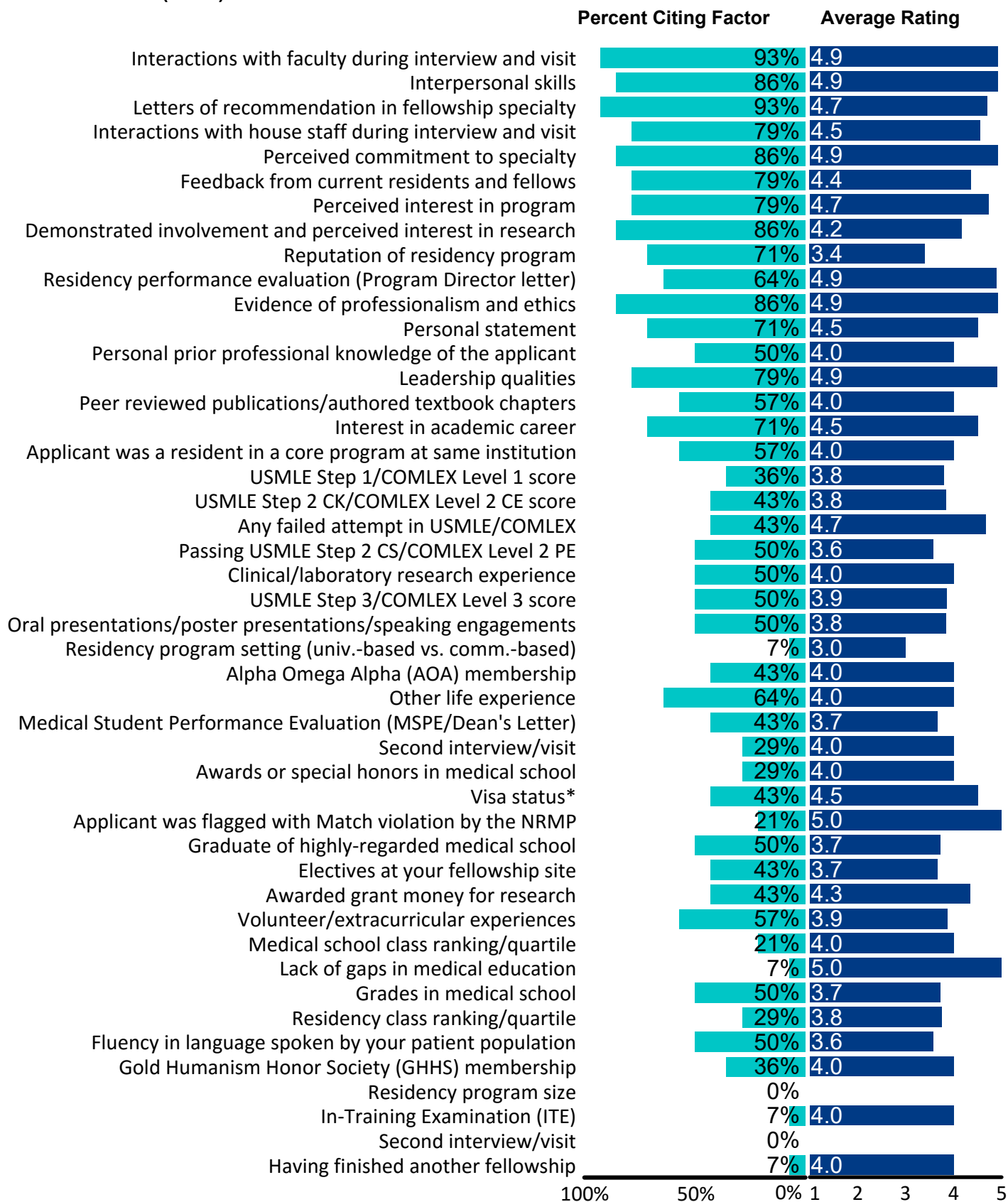
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Developmental-Behavioral Pediatrics

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=14)



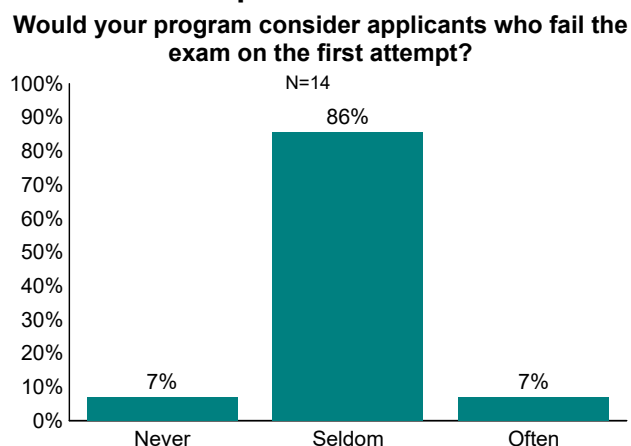
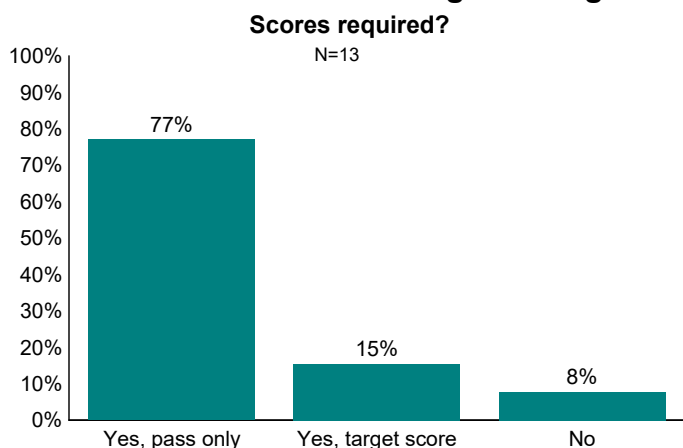
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

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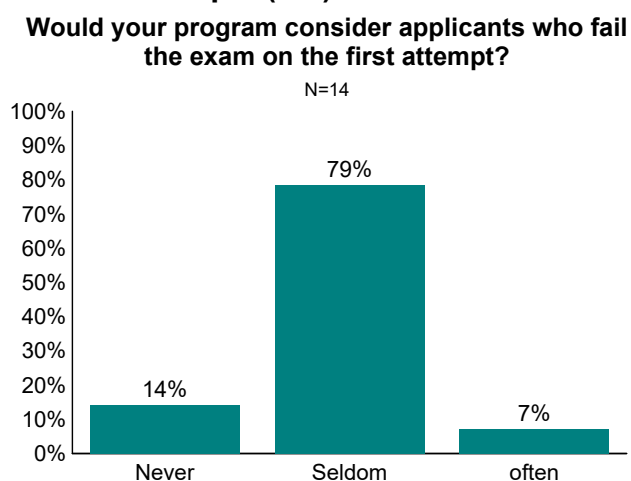
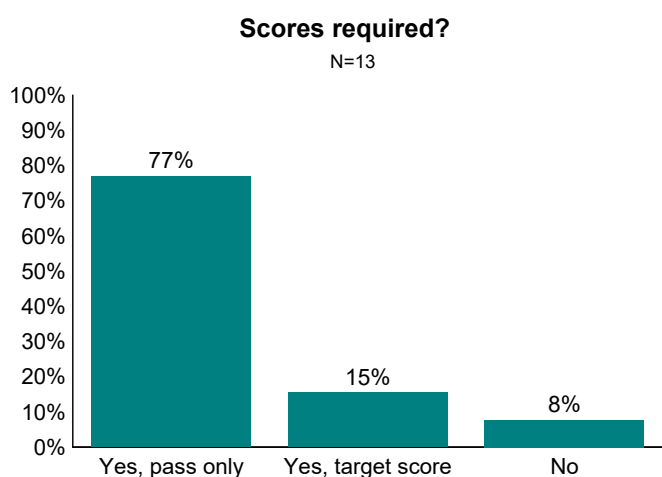
Figure-3

**Developmental-Behavioral Pediatrics
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**

**Scores Below Which Programs
Generally Do Not Grant Interviews**

USMLE Step 1 not
reported because
of low response
rate

USMLE Step 2 CK
not reported
because of low
response rate

**Scores Above Which Programs
Almost Always Grant Interviews**

USMLE Step 1 not
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response rate

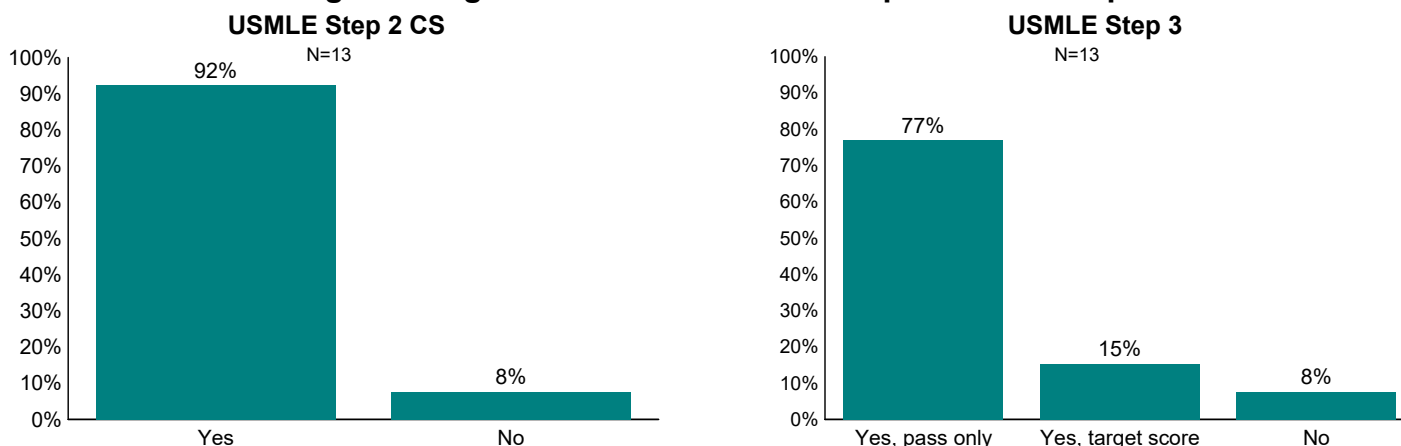
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

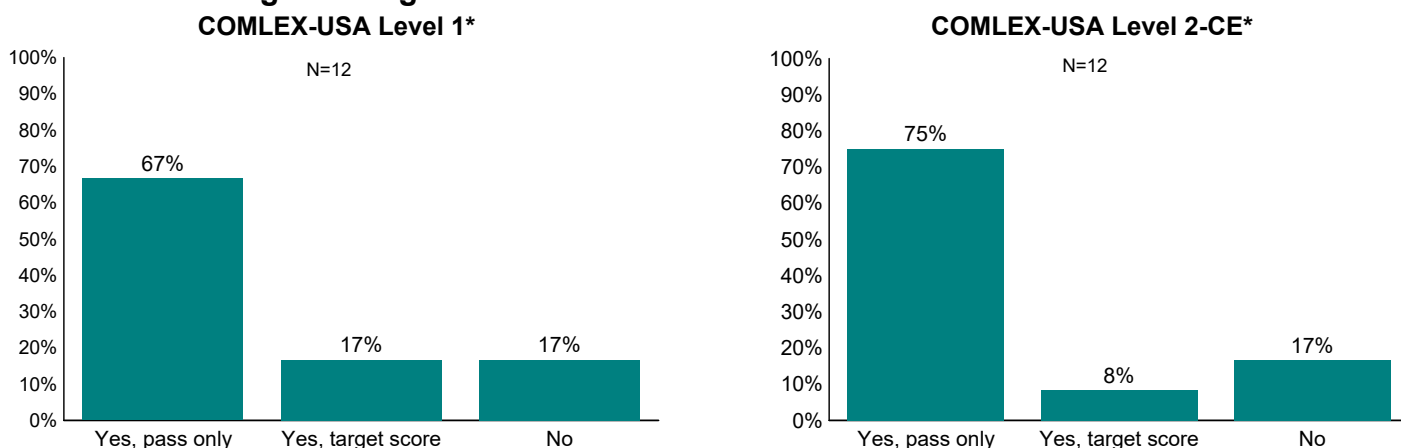
Developmental-Behavioral Pediatrics

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

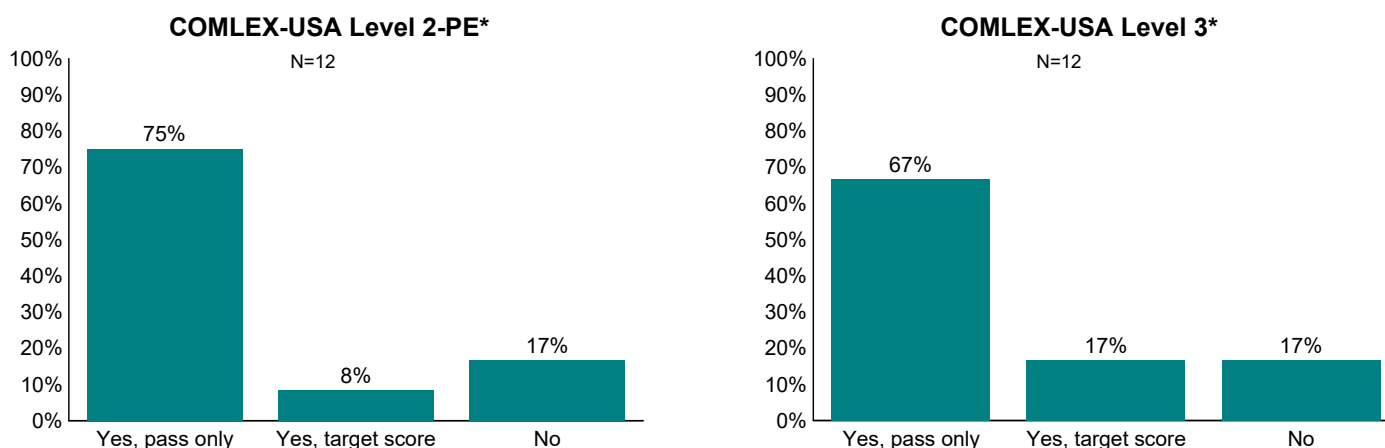
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Developmental-Behavioral Pediatrics Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

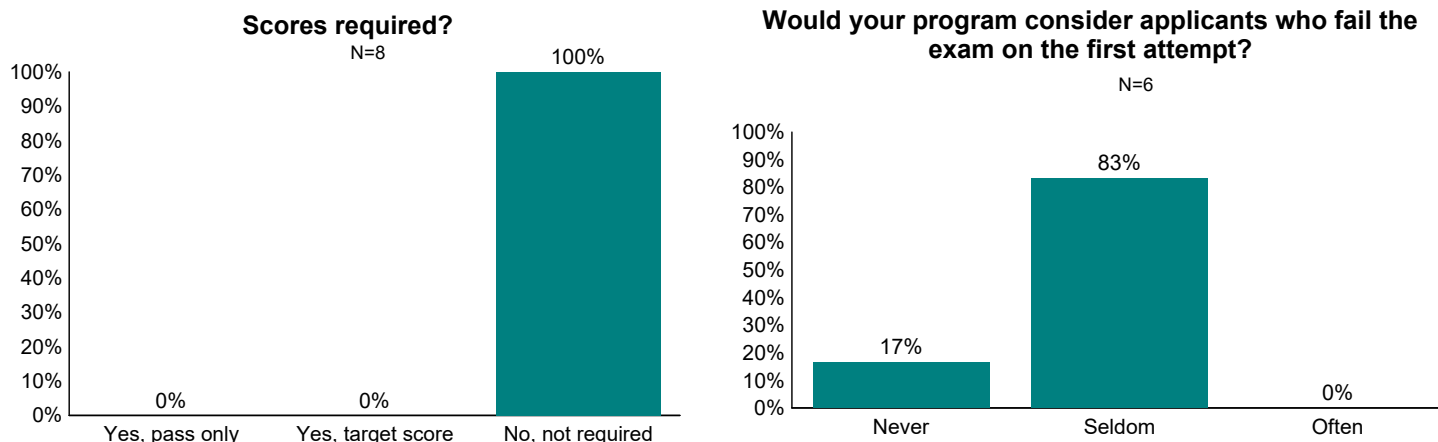


Figure-6

Developmental-Behavioral Pediatrics Programs Positions

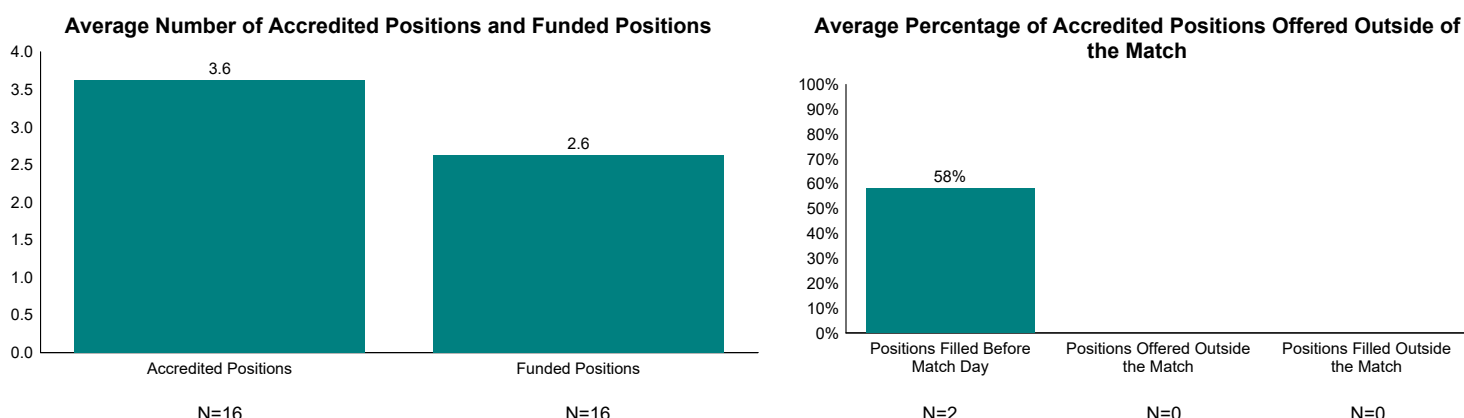
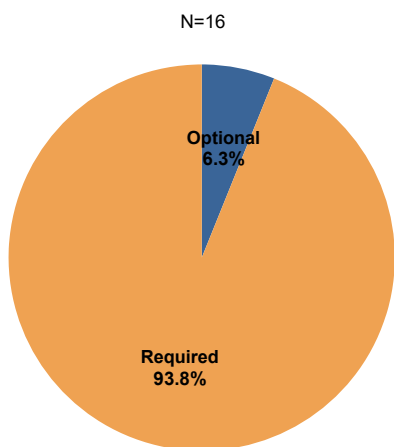


Figure-7

Developmental-Behavioral Pediatrics Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

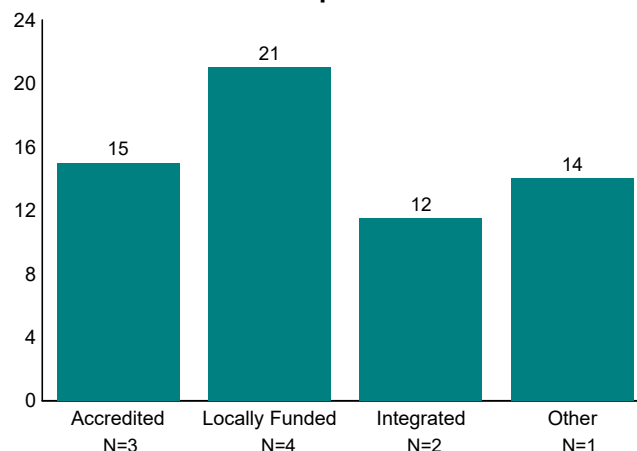
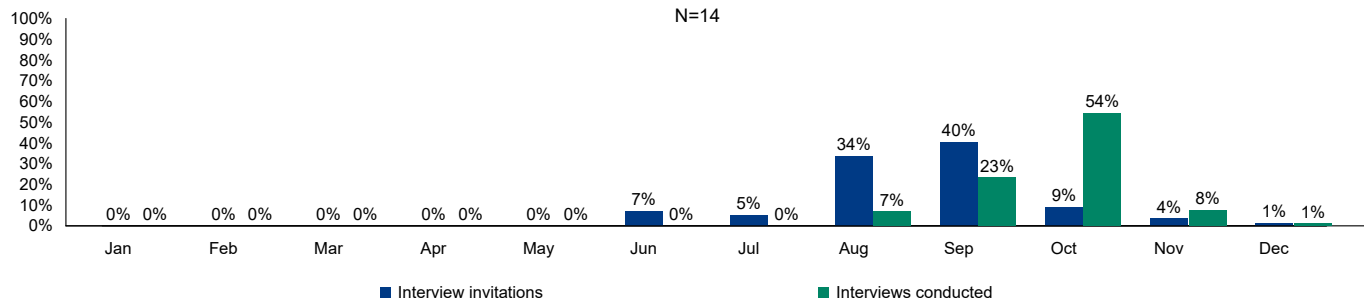


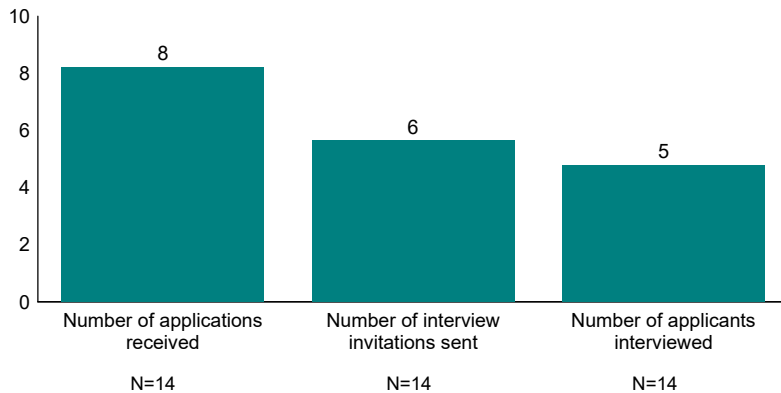
Figure-8

Developmental-Behavioral Pediatrics Program's Interview Activities

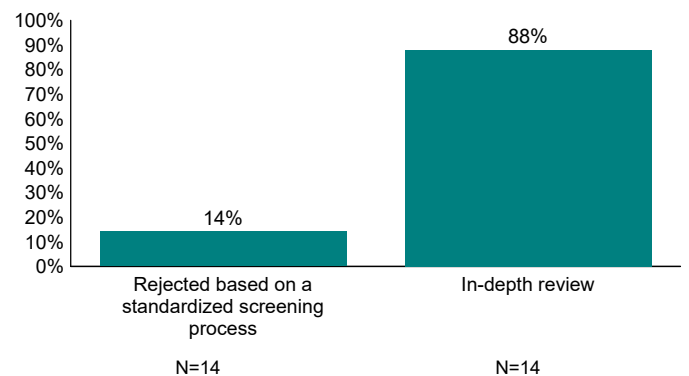
Interview Invitations Sent and Interviews Conducted



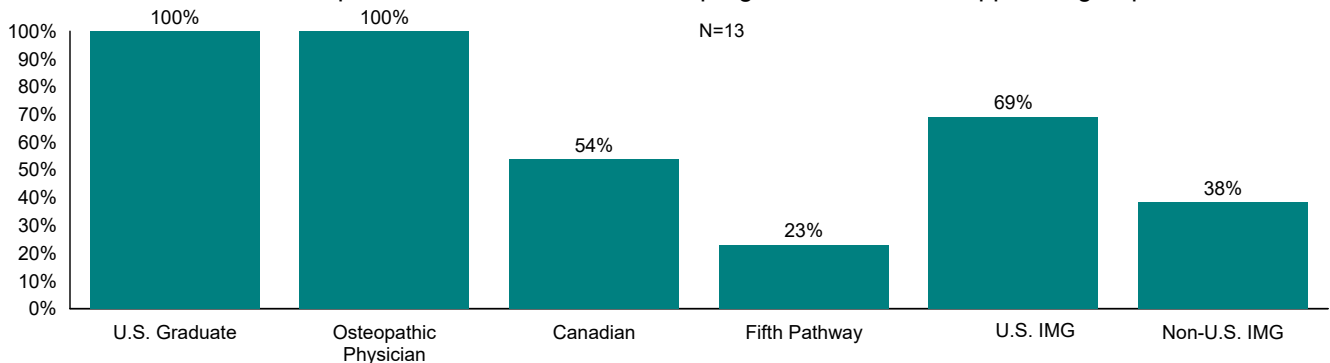
Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked



Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type
15% of Developmental-Behavioral Pediatrics programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

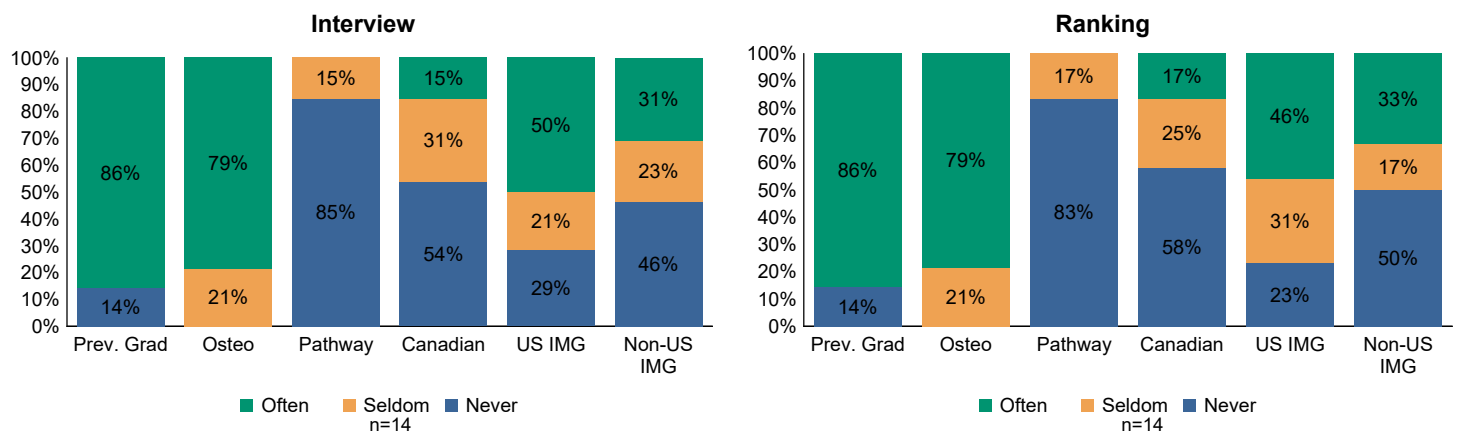


Figure-9

Developmental-Behavioral Pediatrics Potential Challenges in Recruiting Applicants to Your Specialty

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=14

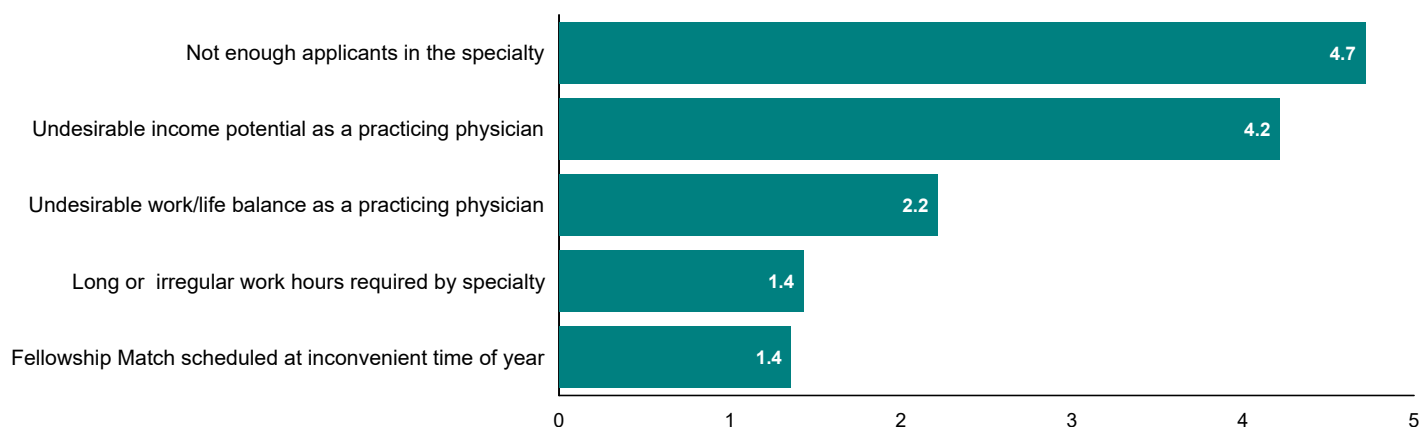


Figure-10

Developmental-Behavioral Pediatrics Applicants Who Applied in the Specialty in the Past But Did Not Match

n=14

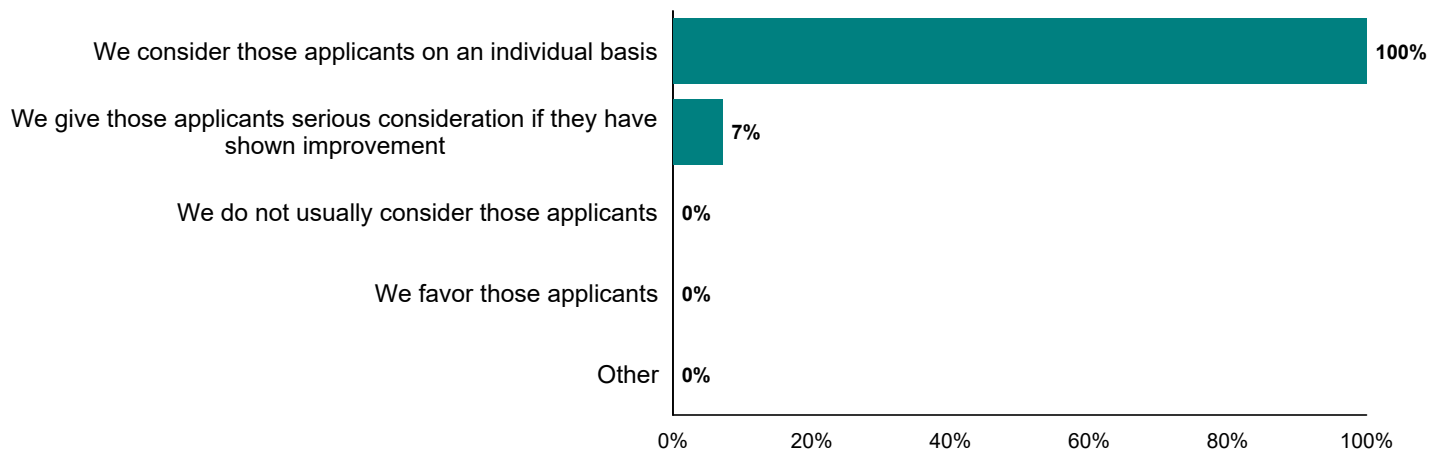
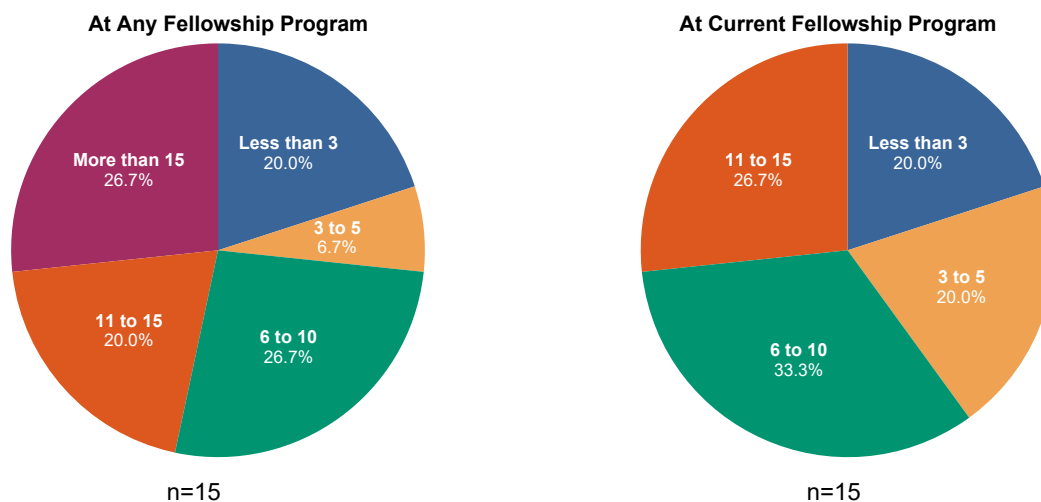


Figure-11

Developmental-Behavioral Pediatrics Years as Program Director





Endocrinology, Diabetes, and Metabolism

2016 Survey

Number of responses	51
Response rate	41.8%

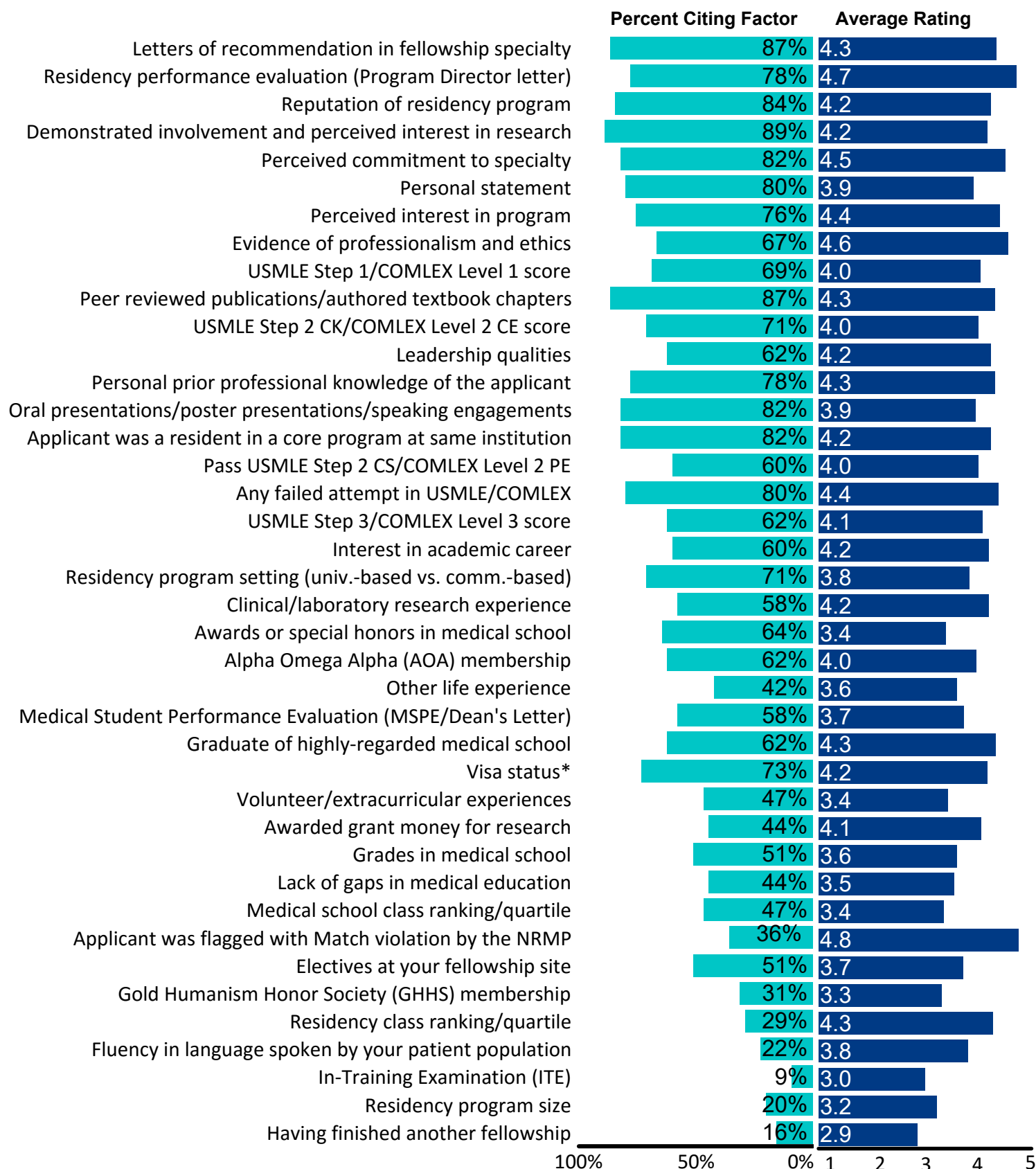
Match Information*

	Appointment Years		
	2016	2015	2014
Number of programs in the Match	136	134	128
Number of positions in the Match	270	271	261
Number of applicants ranking specialty	325	324	306

* Source: NRMP Data Warehouse

Figure-1

Endocrinology, Diabetes, and Metabolism
Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=45)



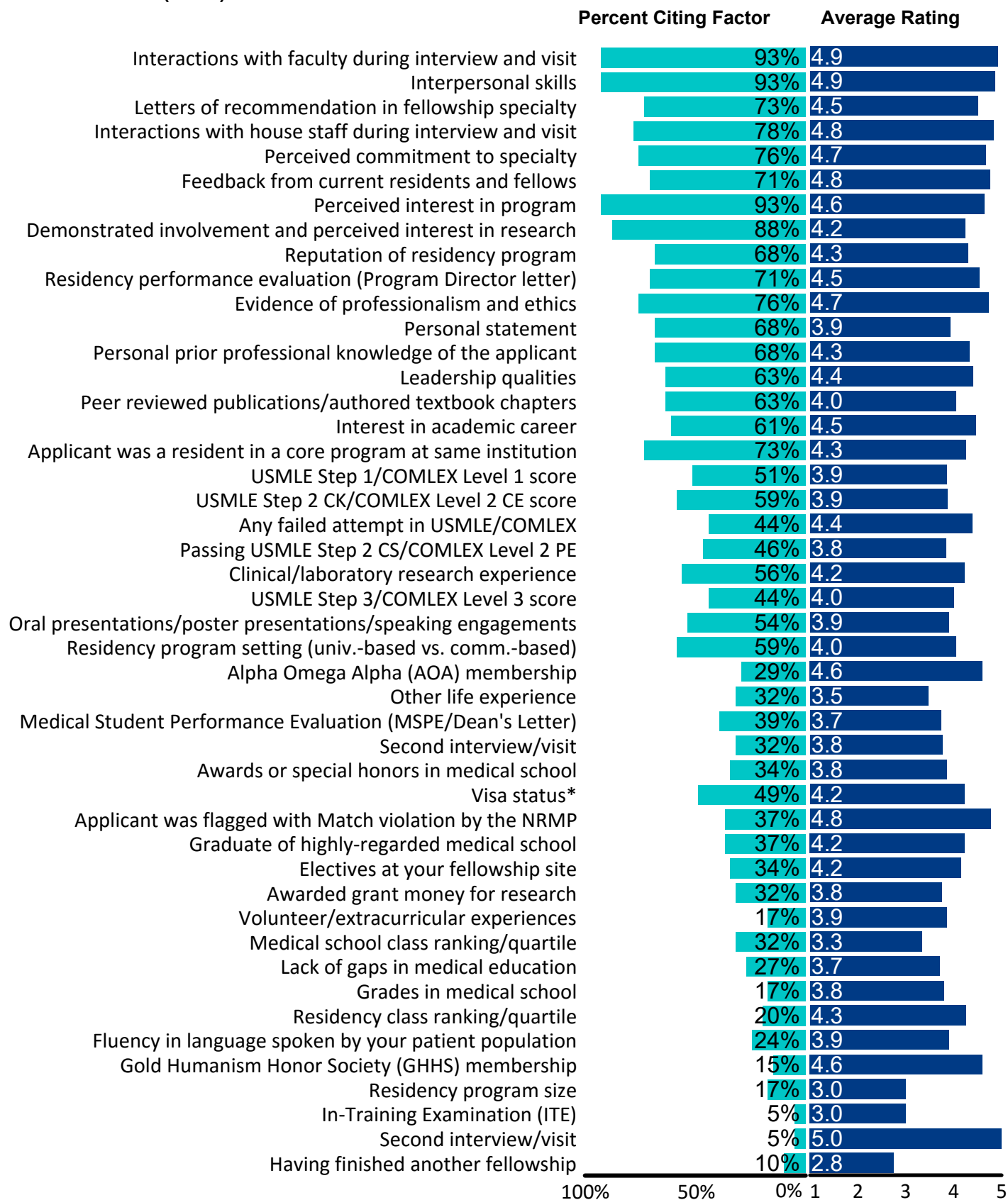
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Endocrinology, Diabetes, and Metabolism

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=45)



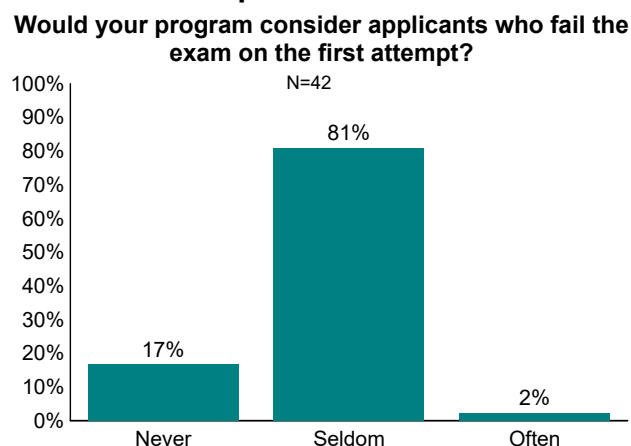
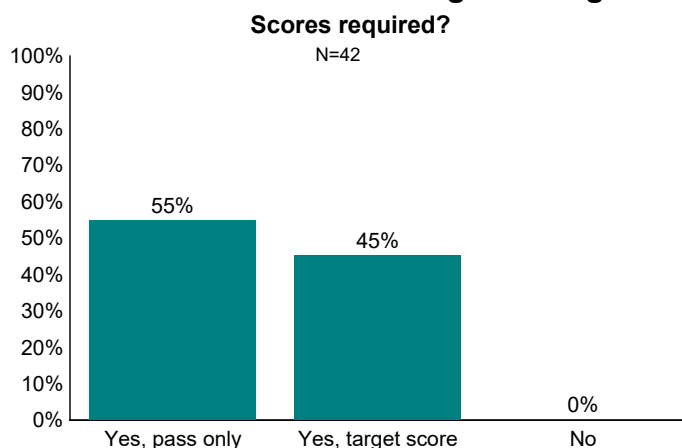
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

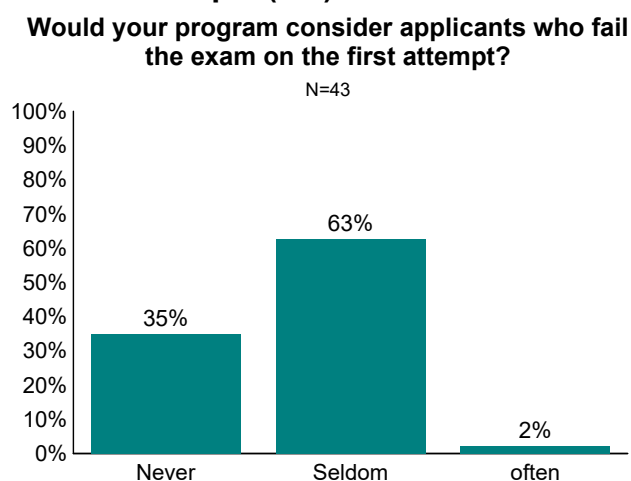
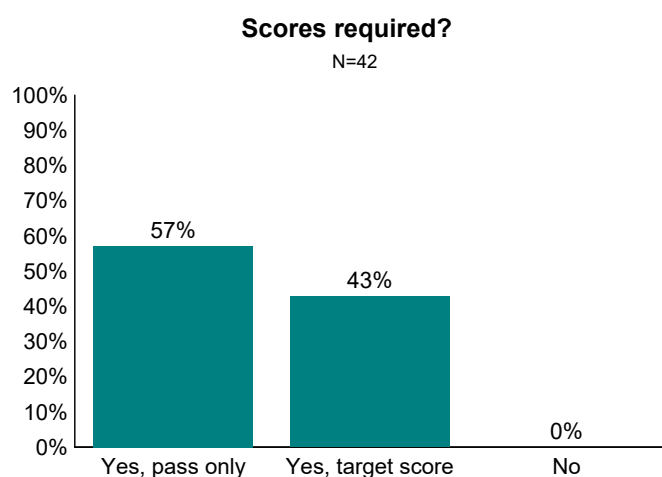
Figure-3

**Endocrinology, Diabetes, and Metabolism
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

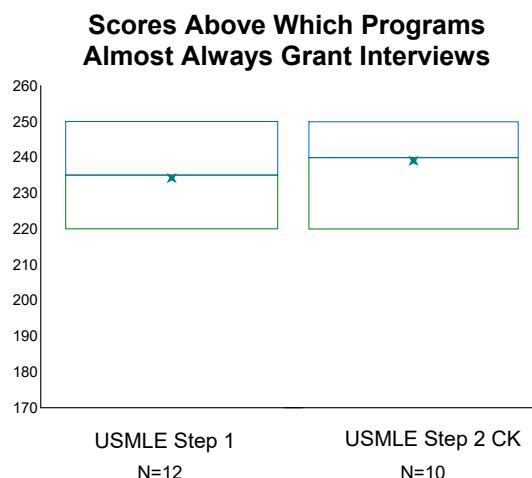
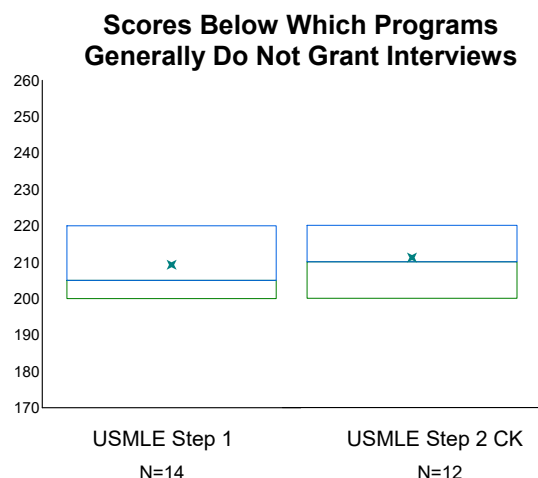
Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**



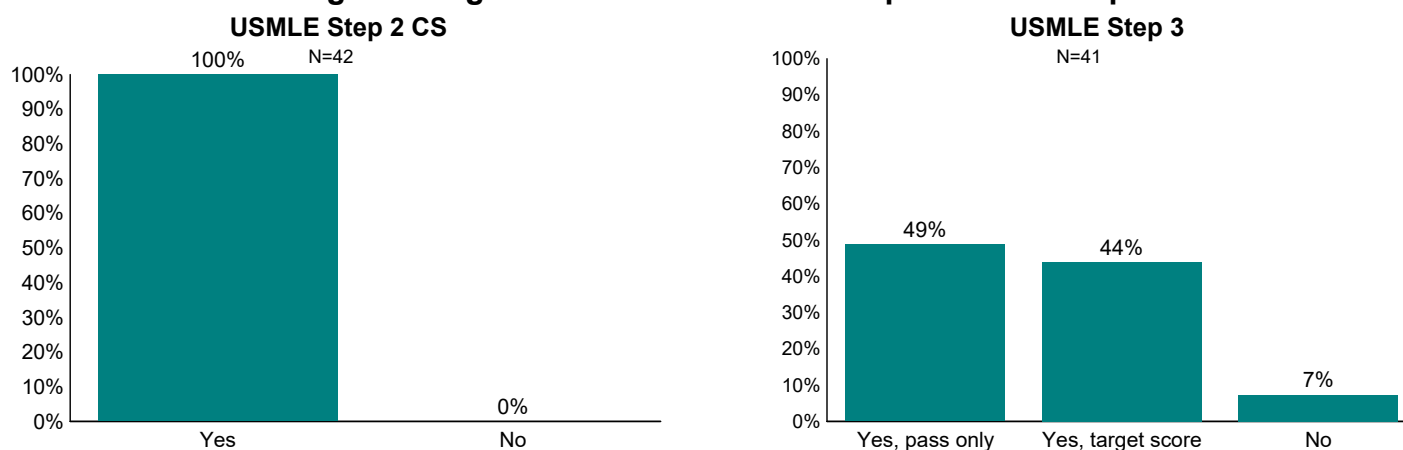
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

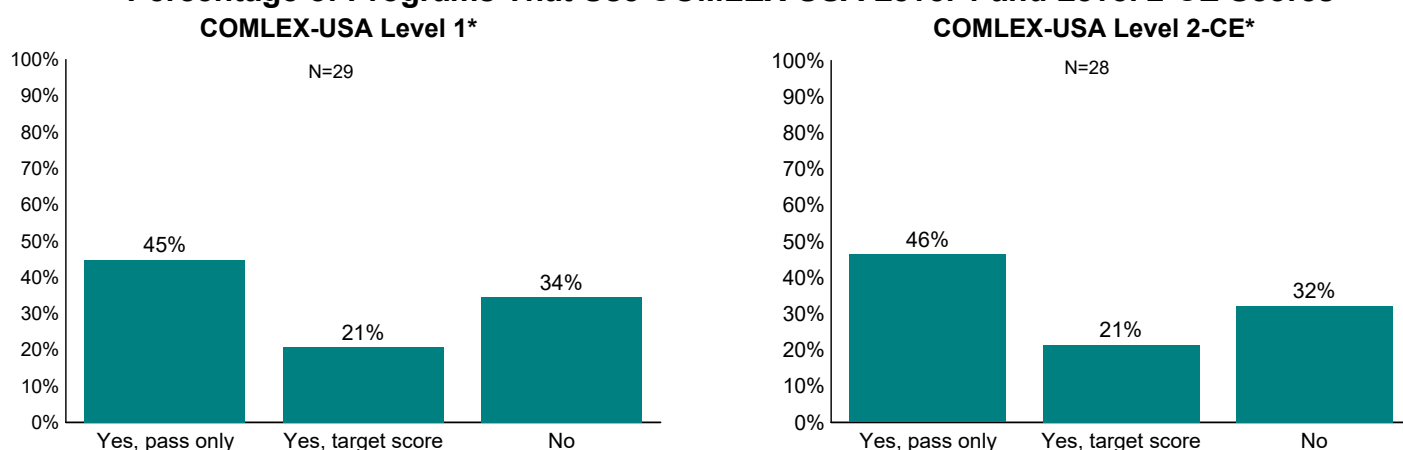
Endocrinology, Diabetes, and Metabolism

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

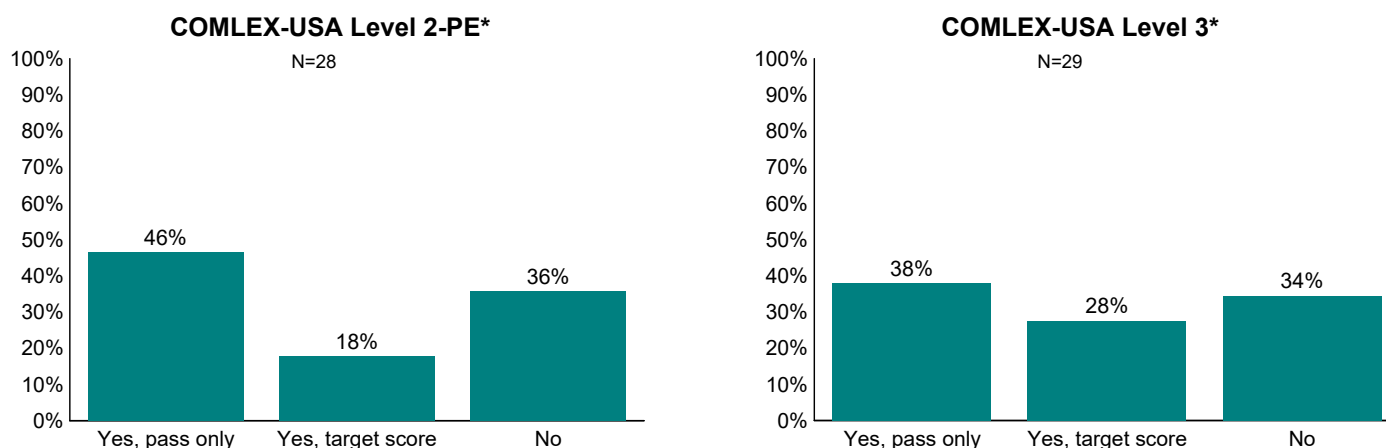
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Endocrinology, Diabetes, and Metabolism Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

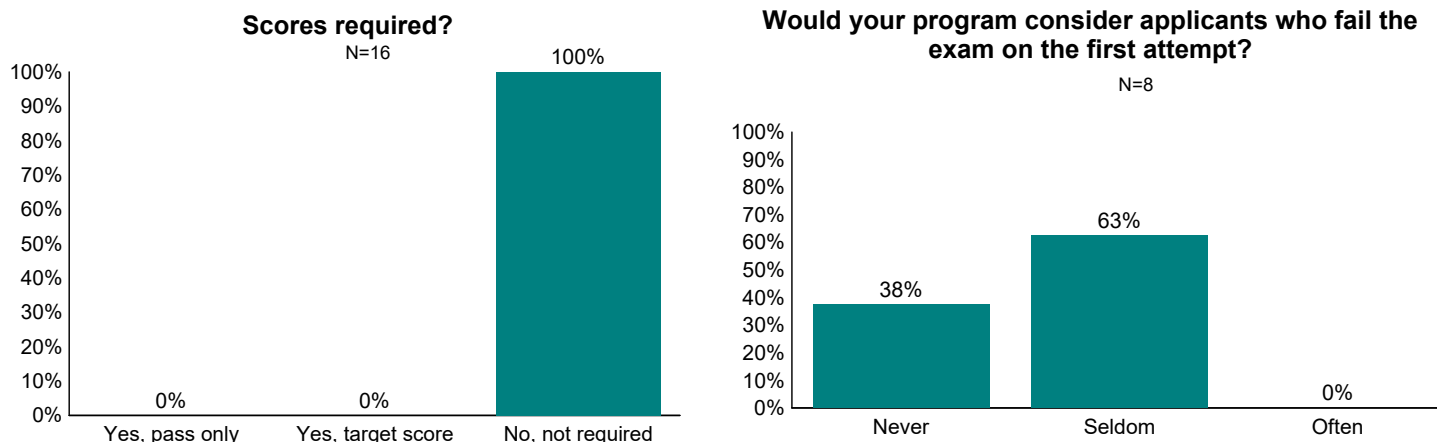


Figure-6

Endocrinology, Diabetes, and Metabolism Programs Positions

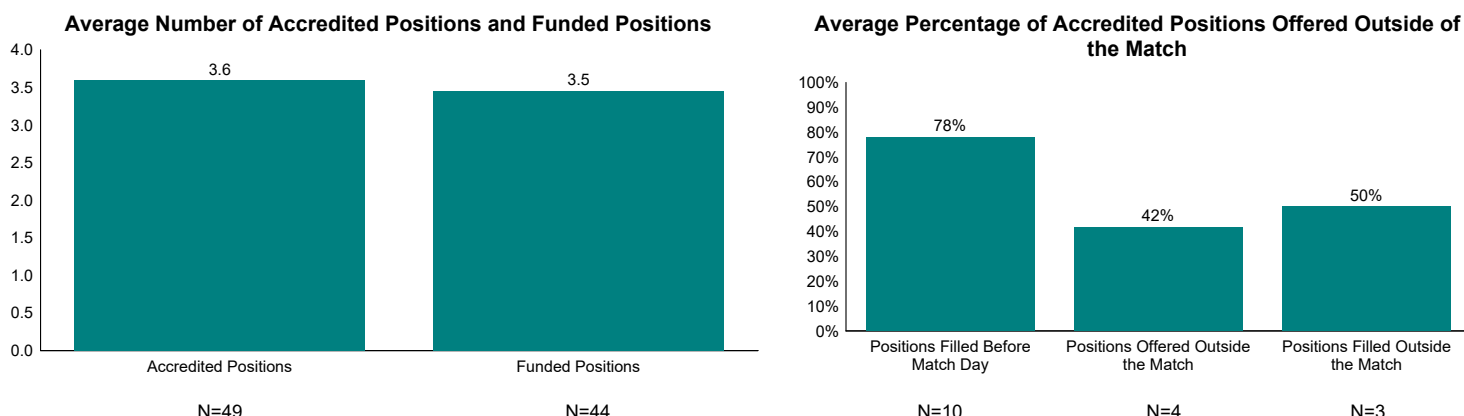
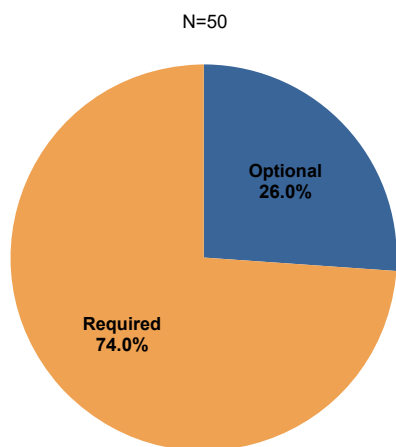


Figure-7

Endocrinology, Diabetes, and Metabolism Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

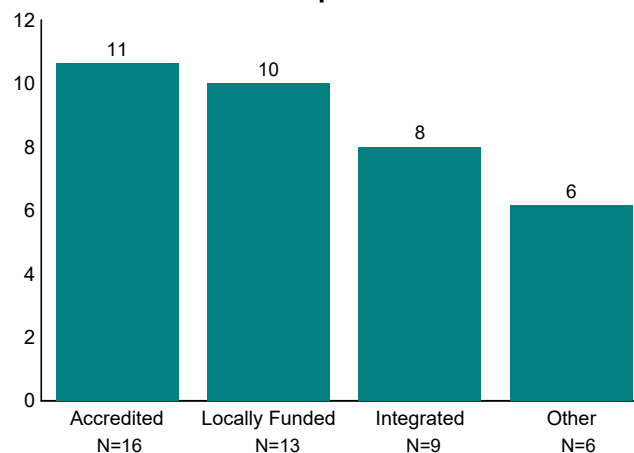
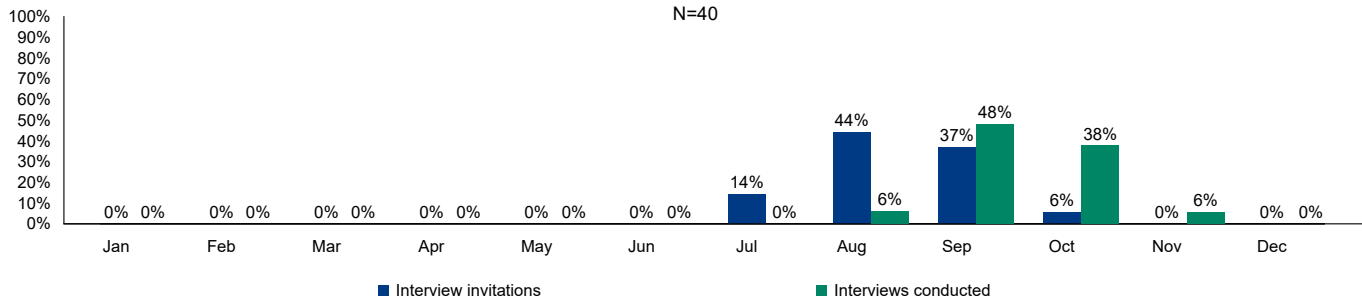


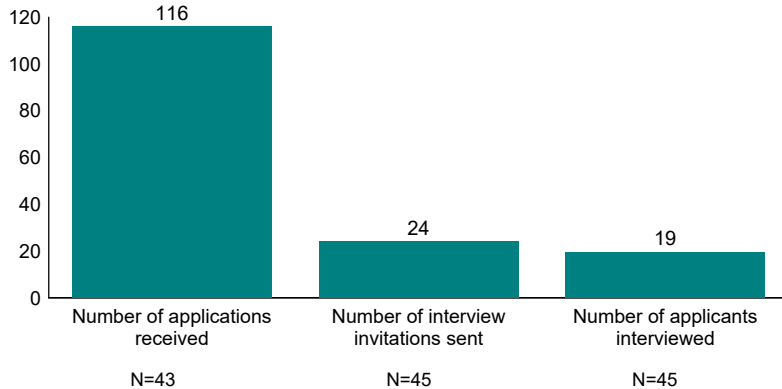
Figure-8

Endocrinology, Diabetes, and Metabolism Program's Interview Activities

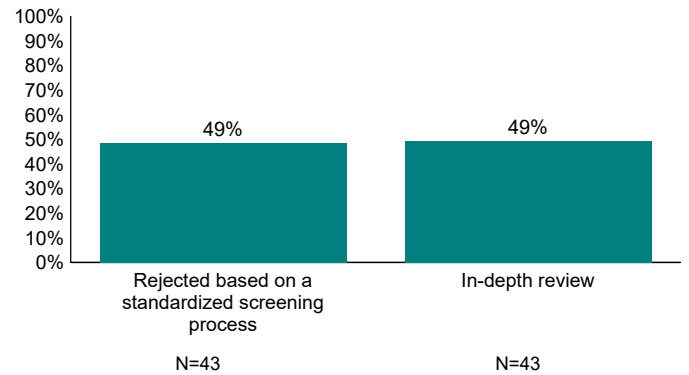
Interview Invitations Sent and Interviews Conducted



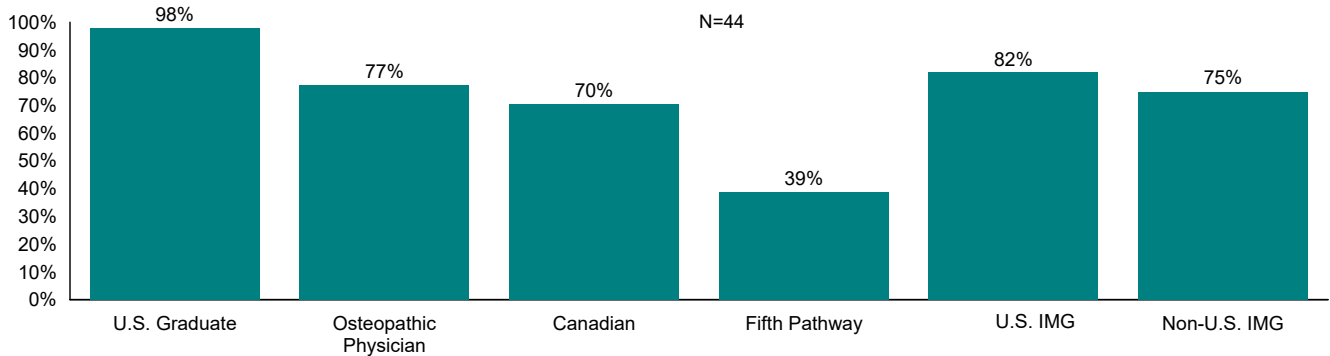
Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked



Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type
36% of Endocrinology, Diabetes, and Metabolism programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

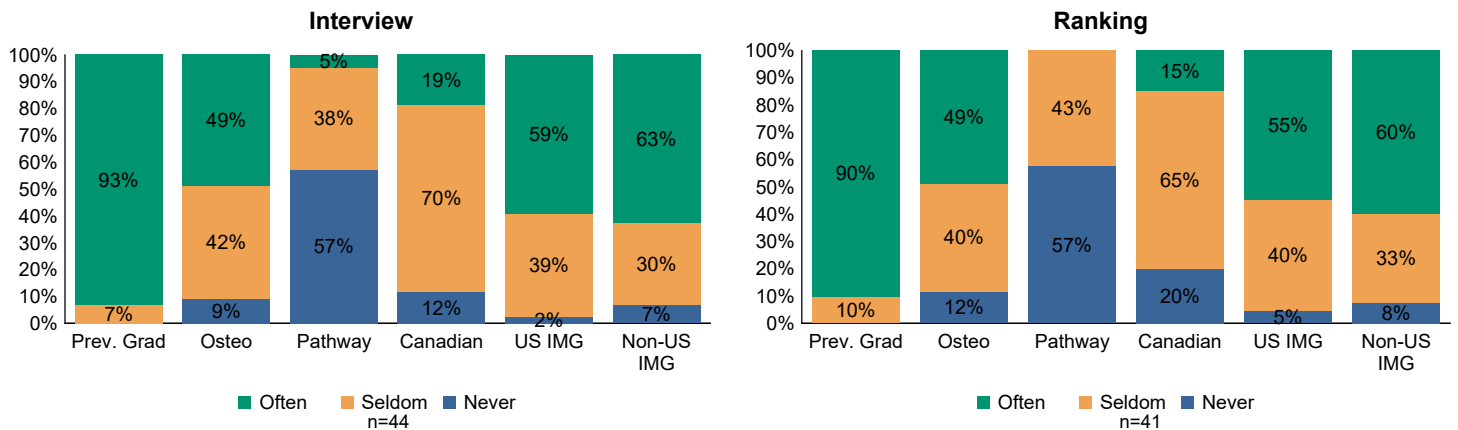


Figure-9

Endocrinology, Diabetes, and Metabolism Potential Challenges in Recruiting Applicants to Your Specialty

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=37

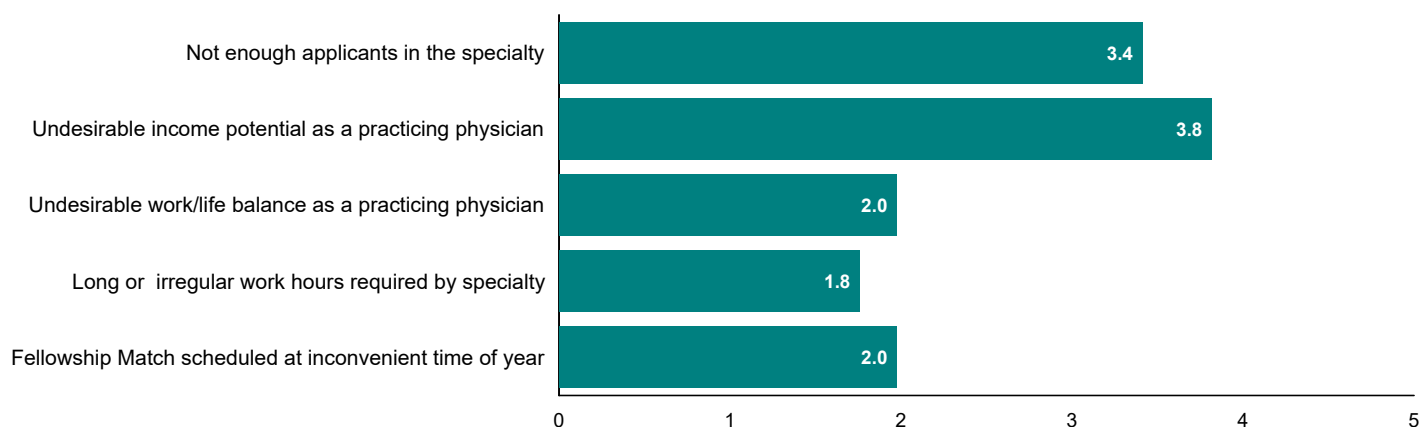


Figure-10

Endocrinology, Diabetes, and Metabolism Applicants Who Applied in the Specialty in the Past But Did Not Match

n=41

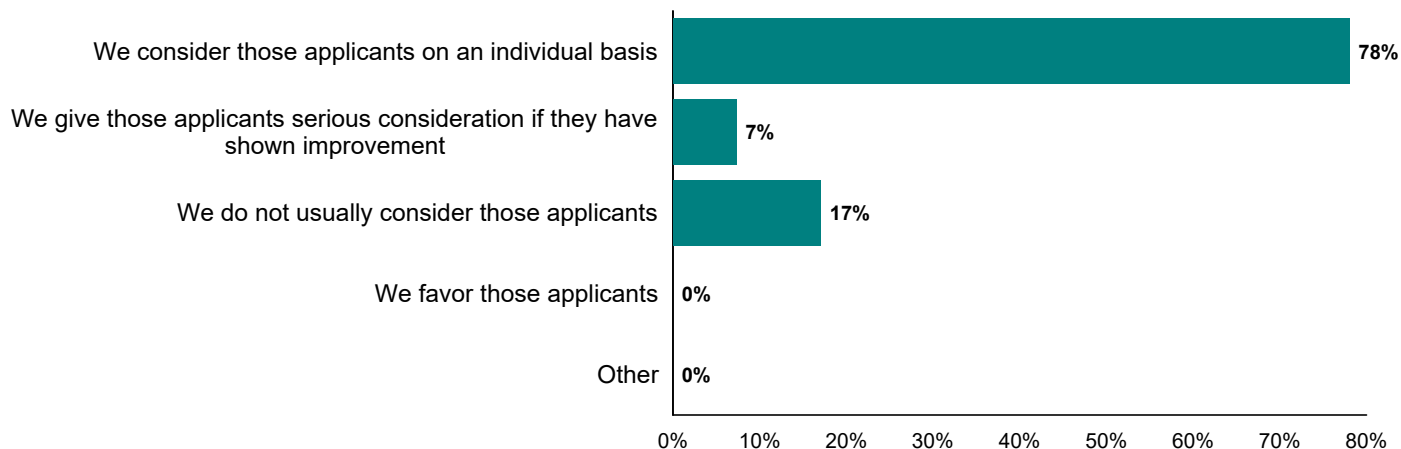
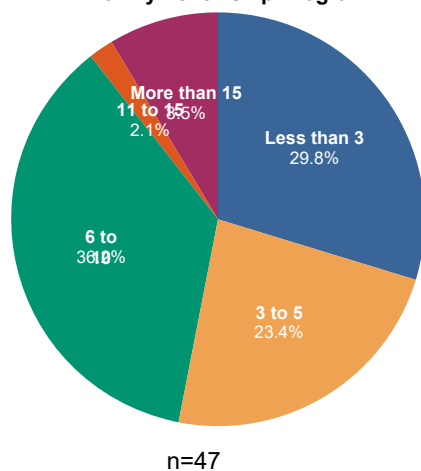


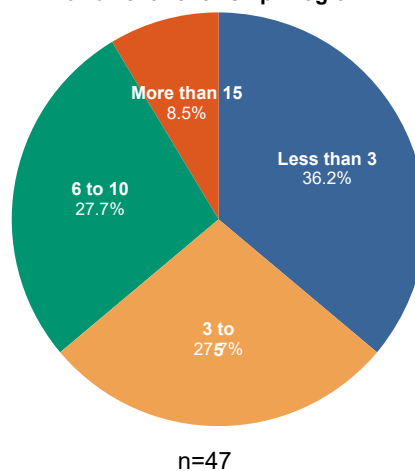
Figure-11

Endocrinology, Diabetes, and Metabolism Years as Program Director

At Any Fellowship Program



At Current Fellowship Program





Female Pelvic Medicine and Reconstructive Surgery

2016 Survey

Number of responses	16
Response rate	35.6%

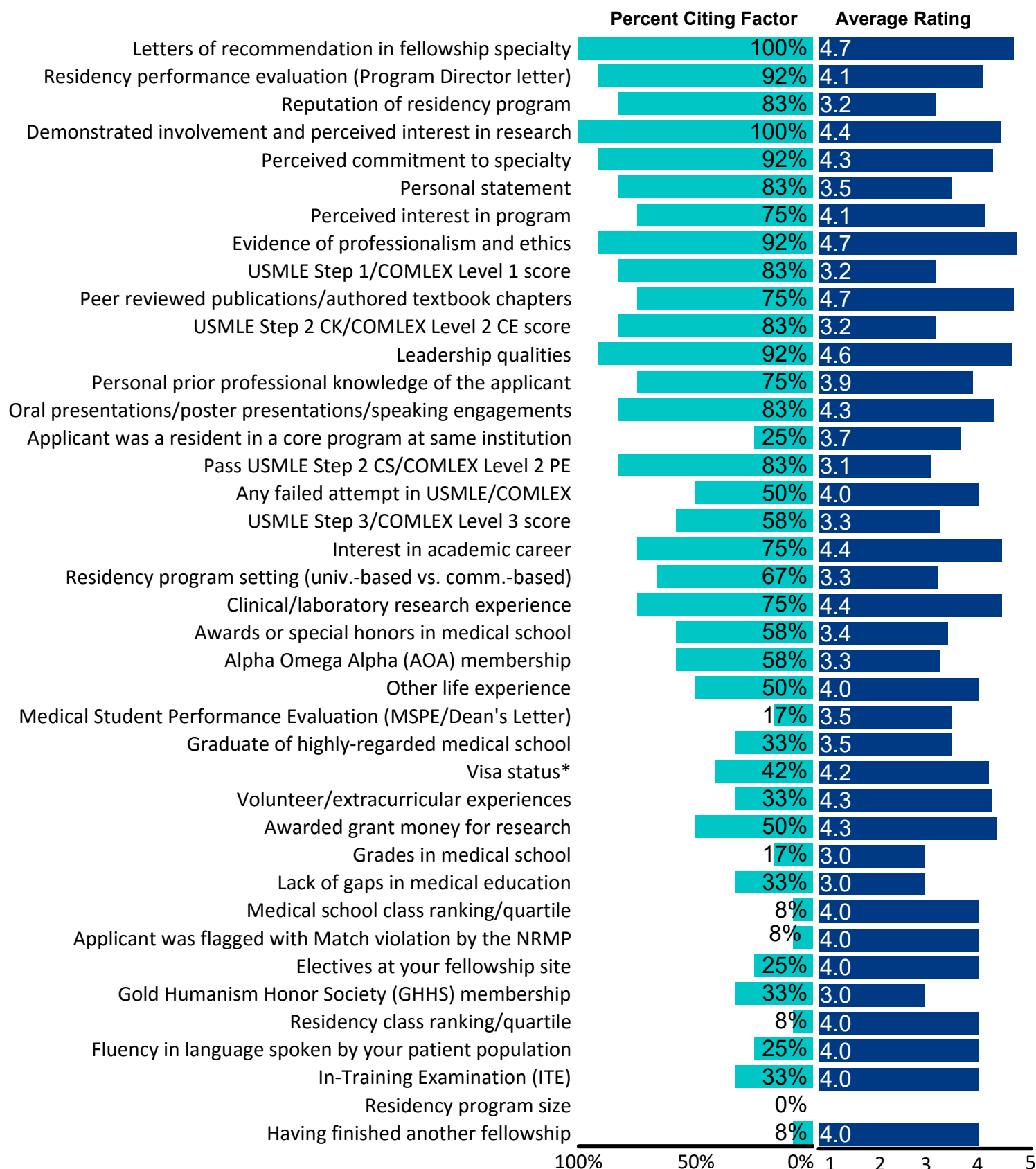
Match Information*

	Appointment Years		
	2016	2015	2014
Number of programs in the Match	48	53	50
Number of positions in the Match	54	58	55
Number of applicants ranking specialty	77	77	61

* Source: NRMP Data Warehouse

Figure-1

Female Pelvic Medicine and Reconstructive Surgery
Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each
Factor in Selecting Applicants to Interview
(N=12)



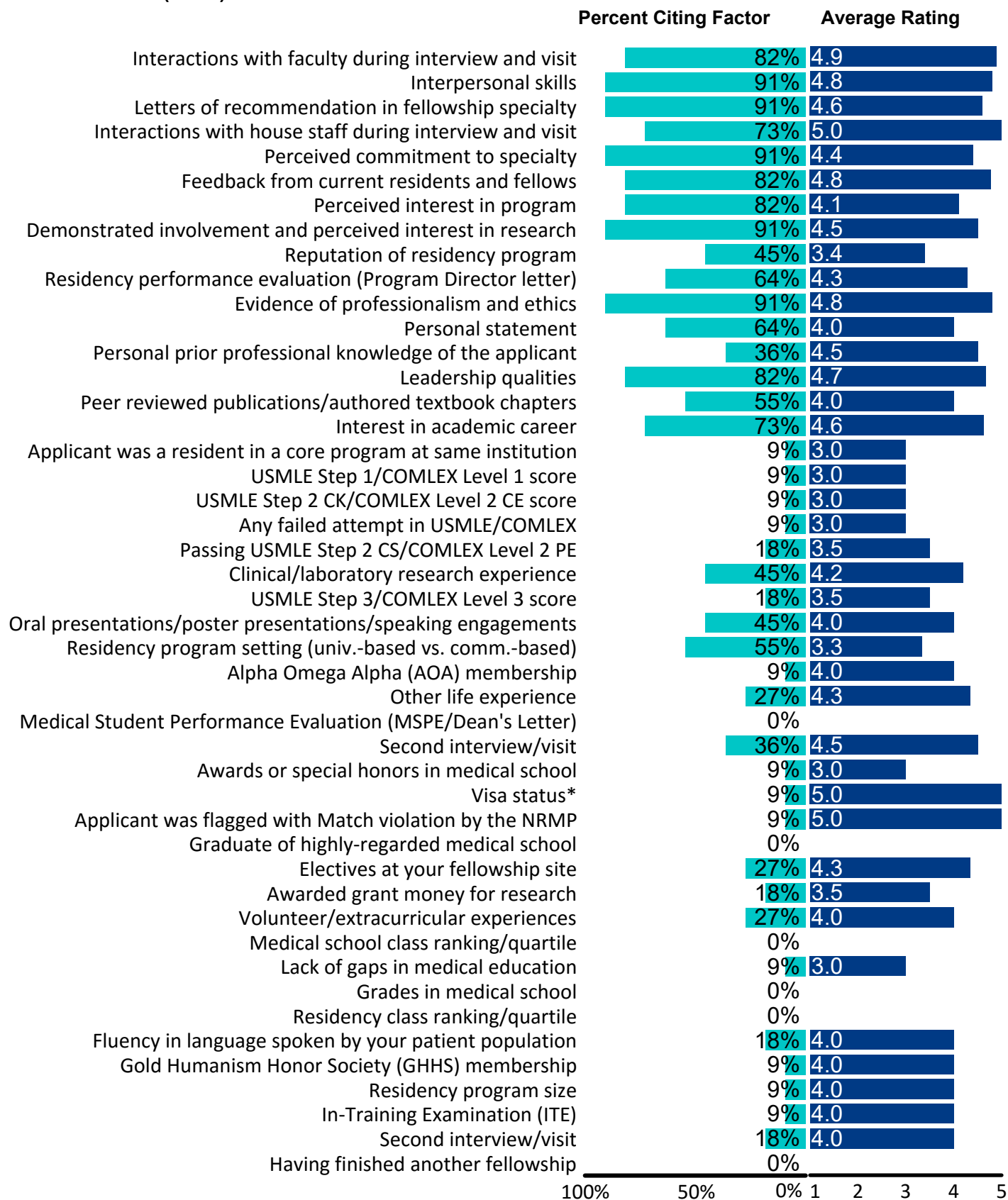
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Female Pelvic Medicine and Reconstructive Surgery

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=12)



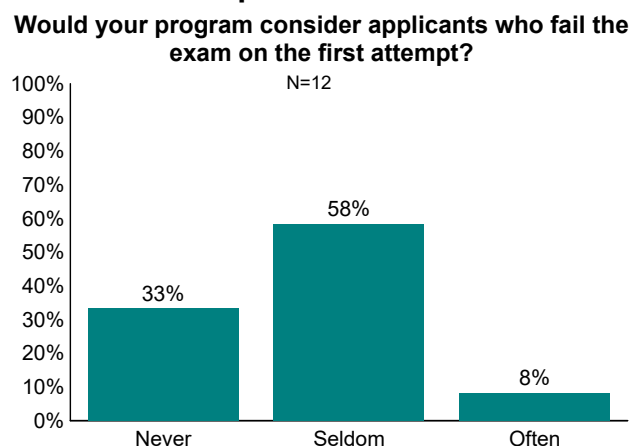
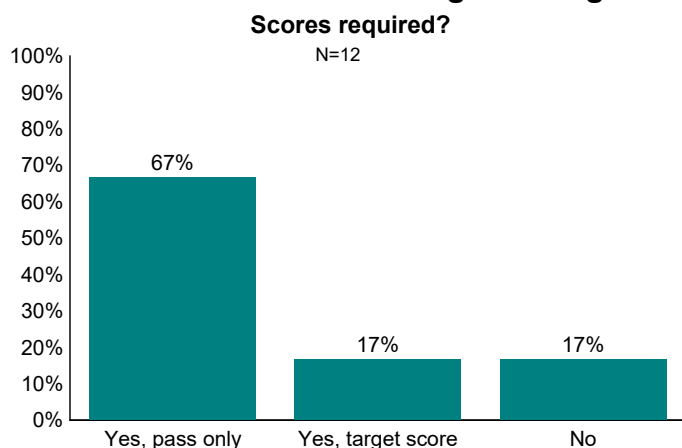
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

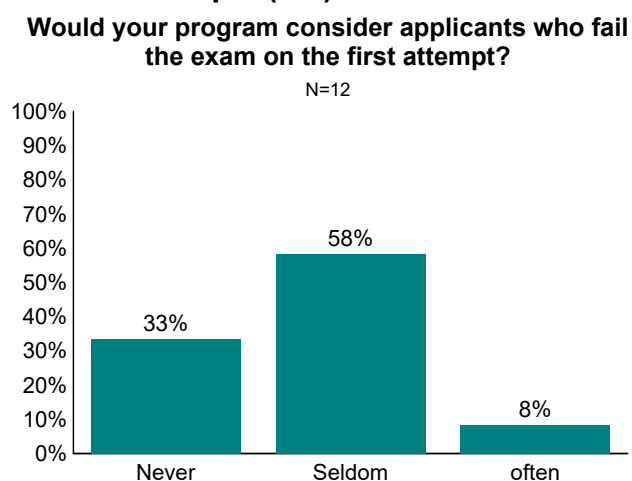
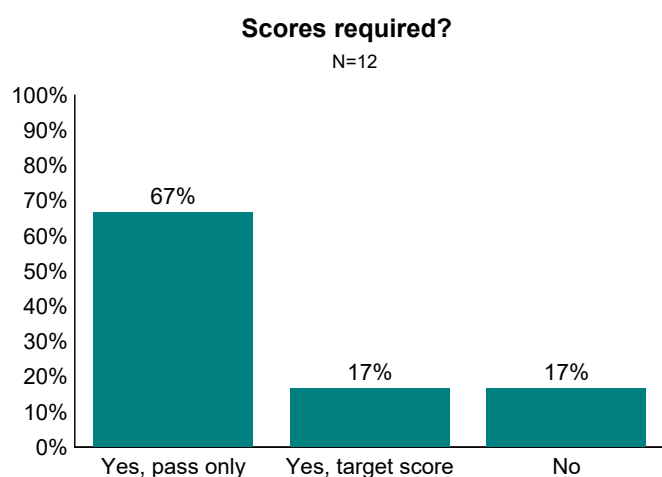
Figure-3

**Female Pelvic Medicine and Reconstructive Surgery
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**

**Scores Below Which Programs
Generally Do Not Grant Interviews**

USMLE Step 1 not
reported because
of low response
rate

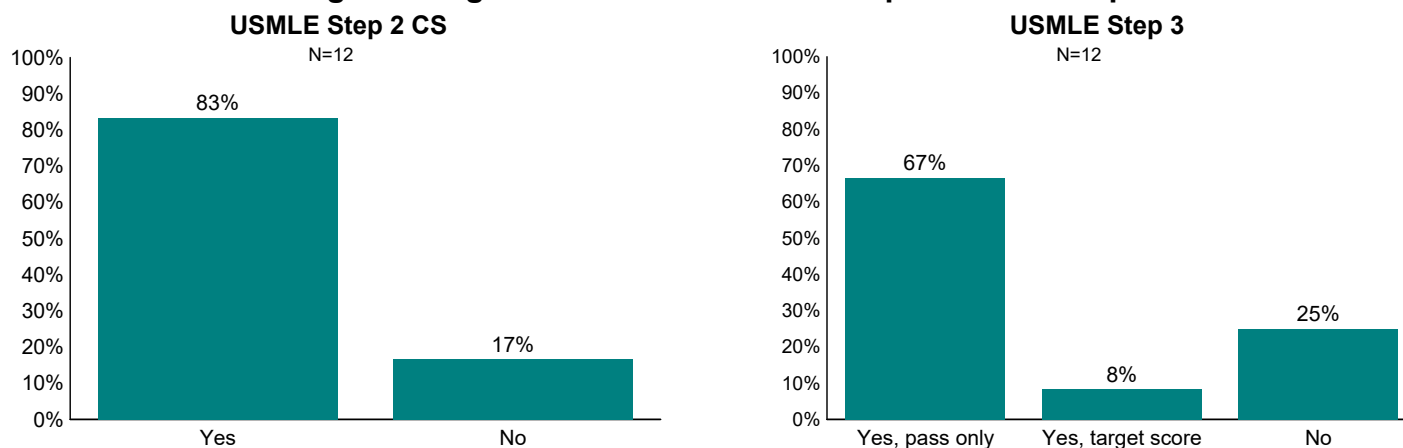
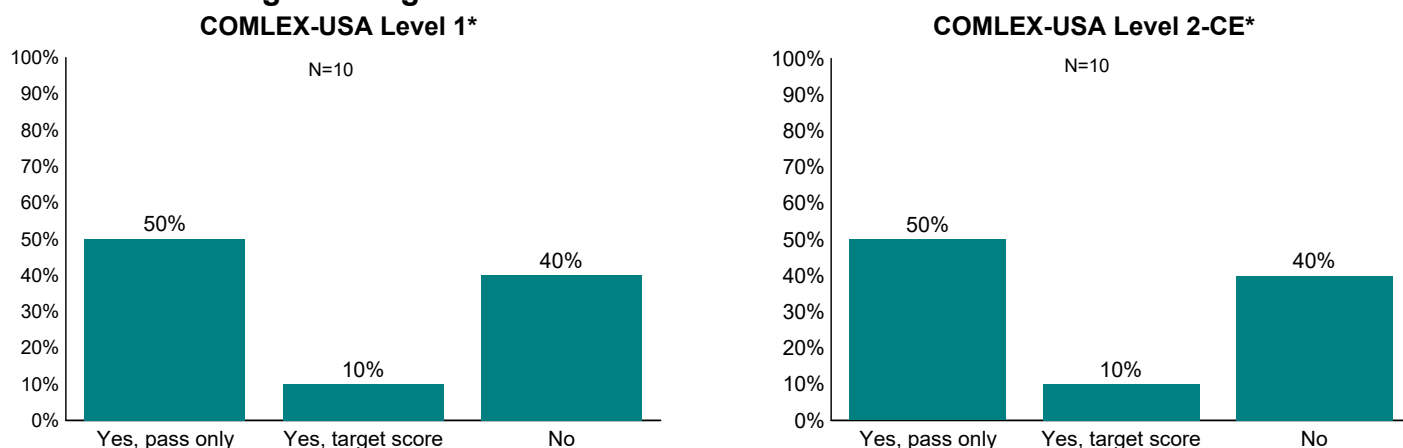
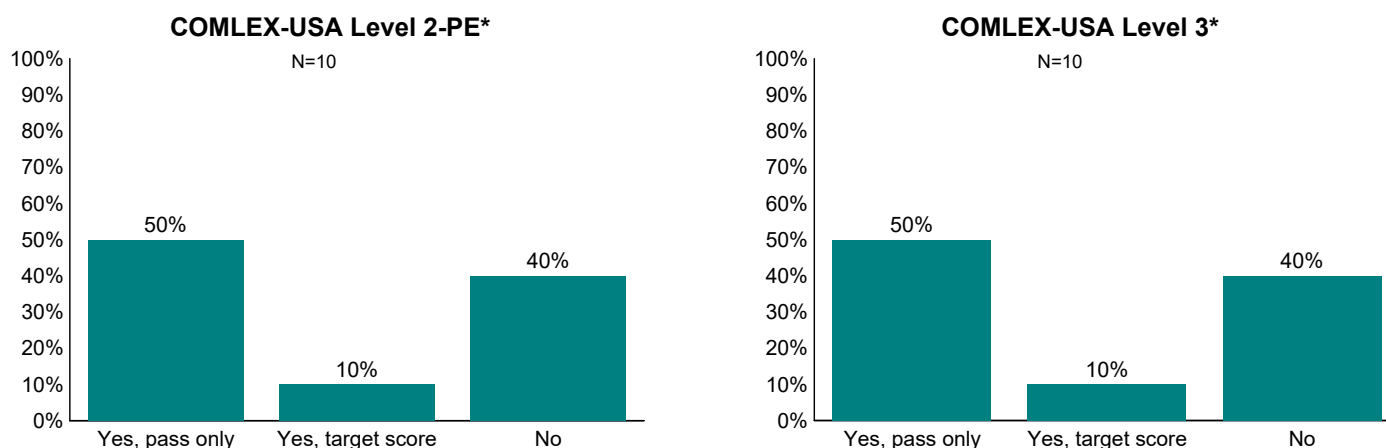
USMLE Step 2 CK
not reported
because of low
response rate

**Scores Above Which Programs
Almost Always Grant Interviews**

USMLE Step 1 not
reported because
of low response
rate

USMLE Step 2 CK
not reported
because of low
response rate

*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4**Female Pelvic Medicine and Reconstructive Surgery****Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview****Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores****Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores****Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores**

* Osteopathic applicants only

Figure-5

**Female Pelvic Medicine and Reconstructive Surgery
Programs That Use Core Specialty Certifying Examination When Considering
Applicants for Interview**

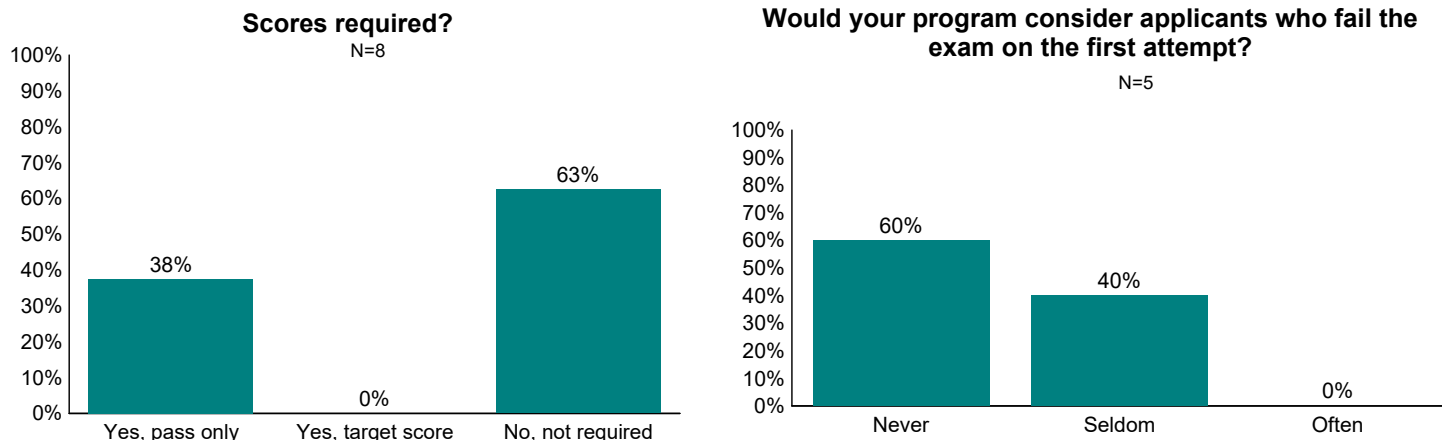


Figure-6

**Female Pelvic Medicine and Reconstructive Surgery
Programs Positions**

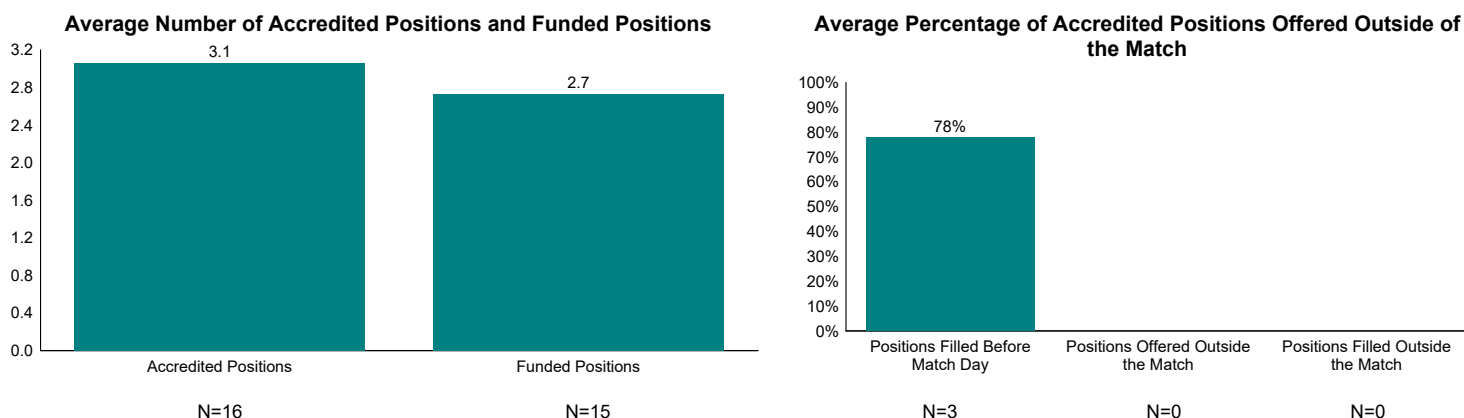
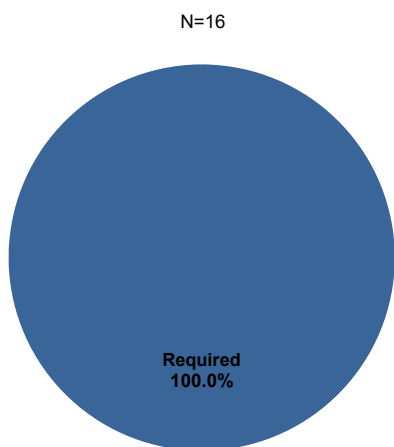


Figure-7

**Female Pelvic Medicine and Reconstructive Surgery
Dedicated Time for Research**

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

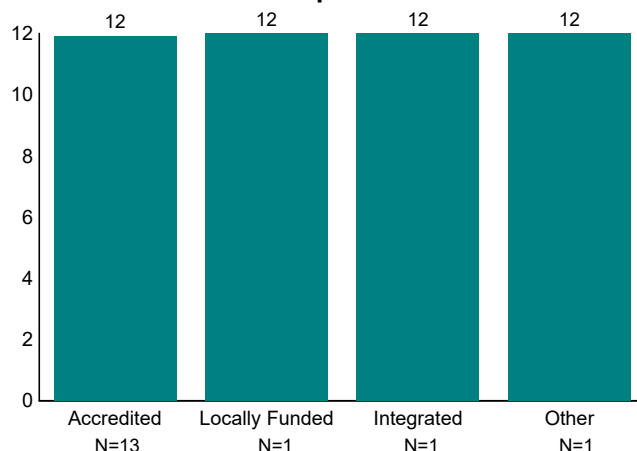
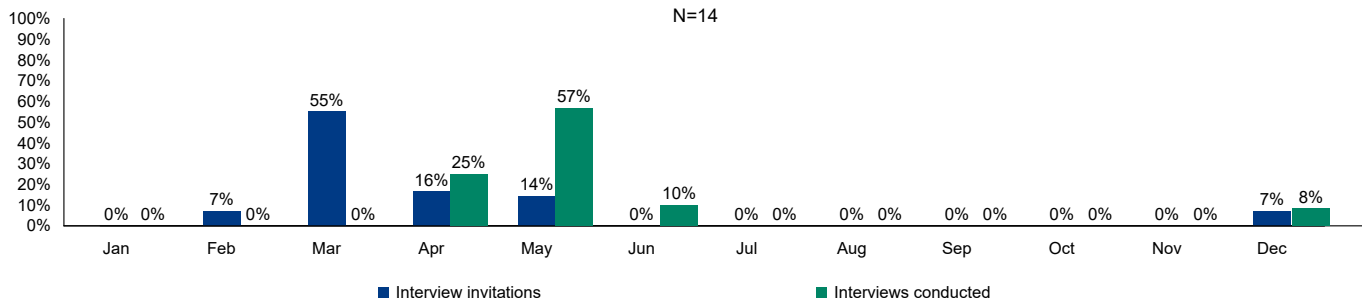


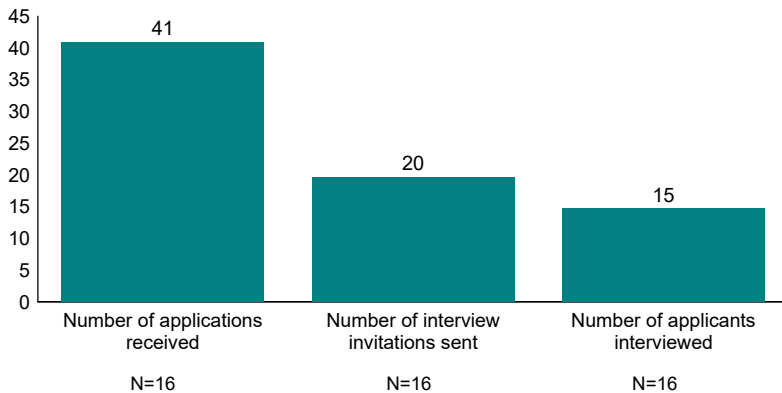
Figure-8

Female Pelvic Medicine and Reconstructive Surgery Program's Interview Activities

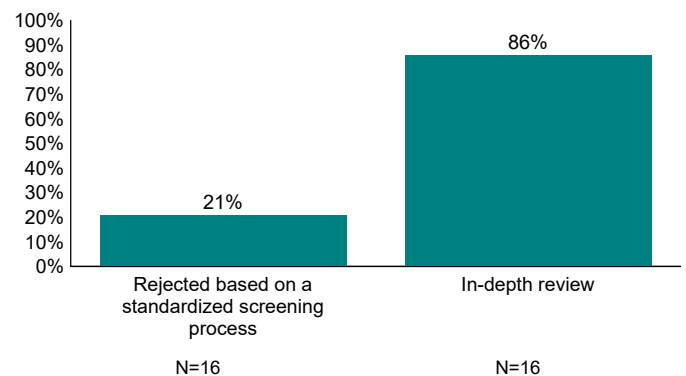
Interview Invitations Sent and Interviews Conducted



Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked

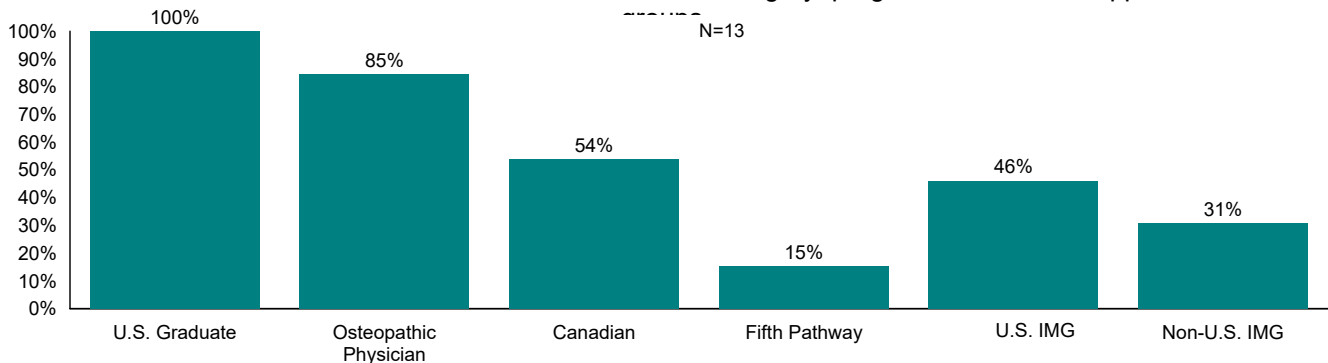


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

8% of Female Pelvic Medicine and Reconstructive Surgery programs consider all applicant



Frequency of Programs Interviewing and Ranking Candidates

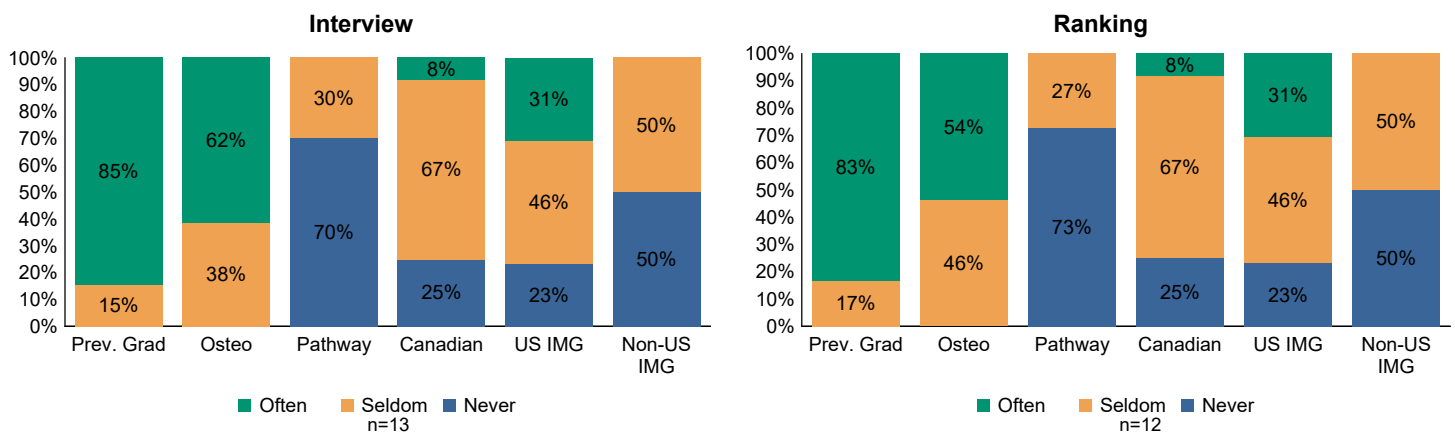


Figure-9

**Female Pelvic Medicine and Reconstructive Surgery
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=12

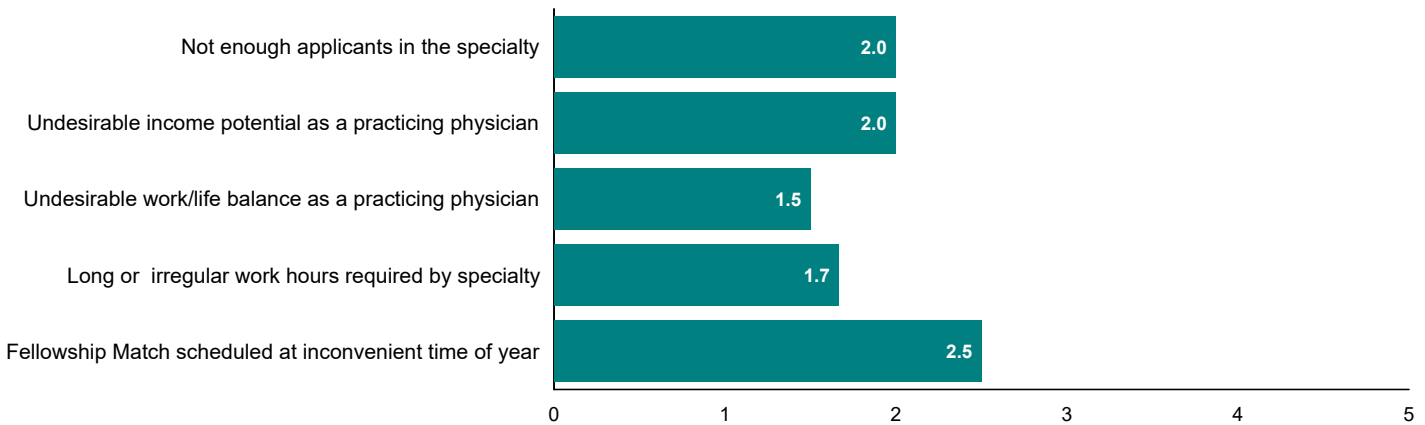


Figure-10

**Female Pelvic Medicine and Reconstructive Surgery
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=12

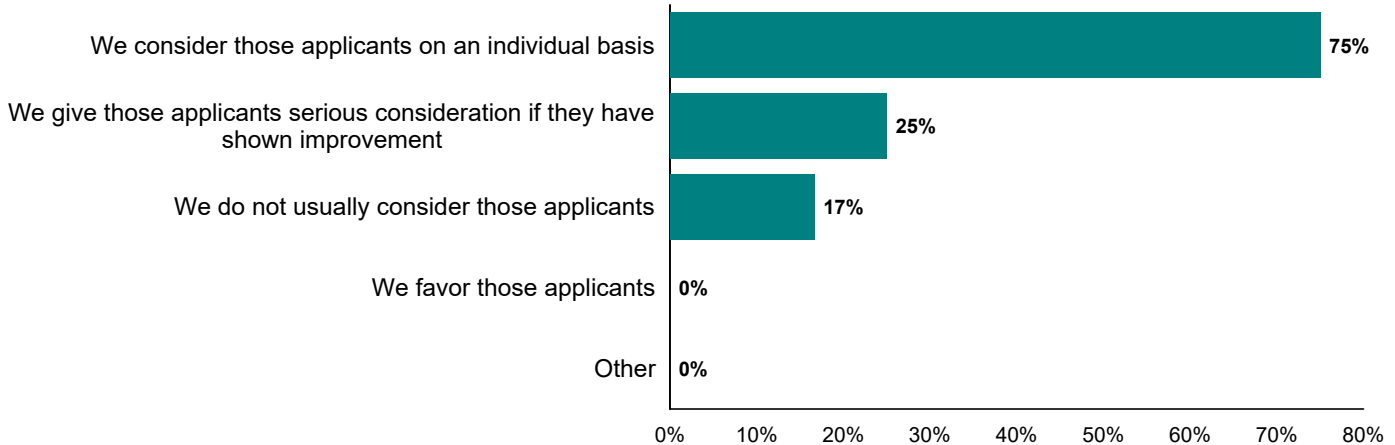
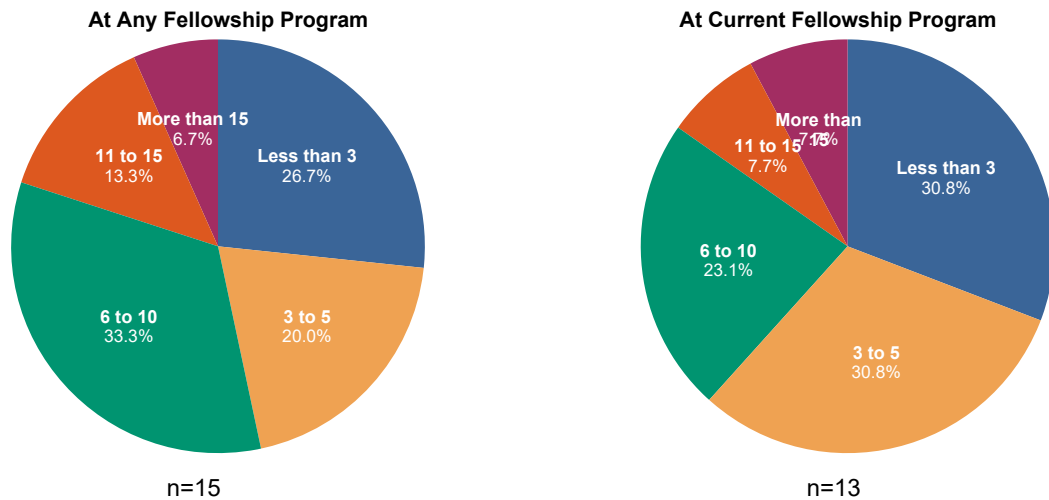


Figure-11

**Female Pelvic Medicine and Reconstructive Surgery
Years as Program Director**





Gastroenterology

2016 Survey

Number of responses	54
Response rate	35.8%

Match Information*

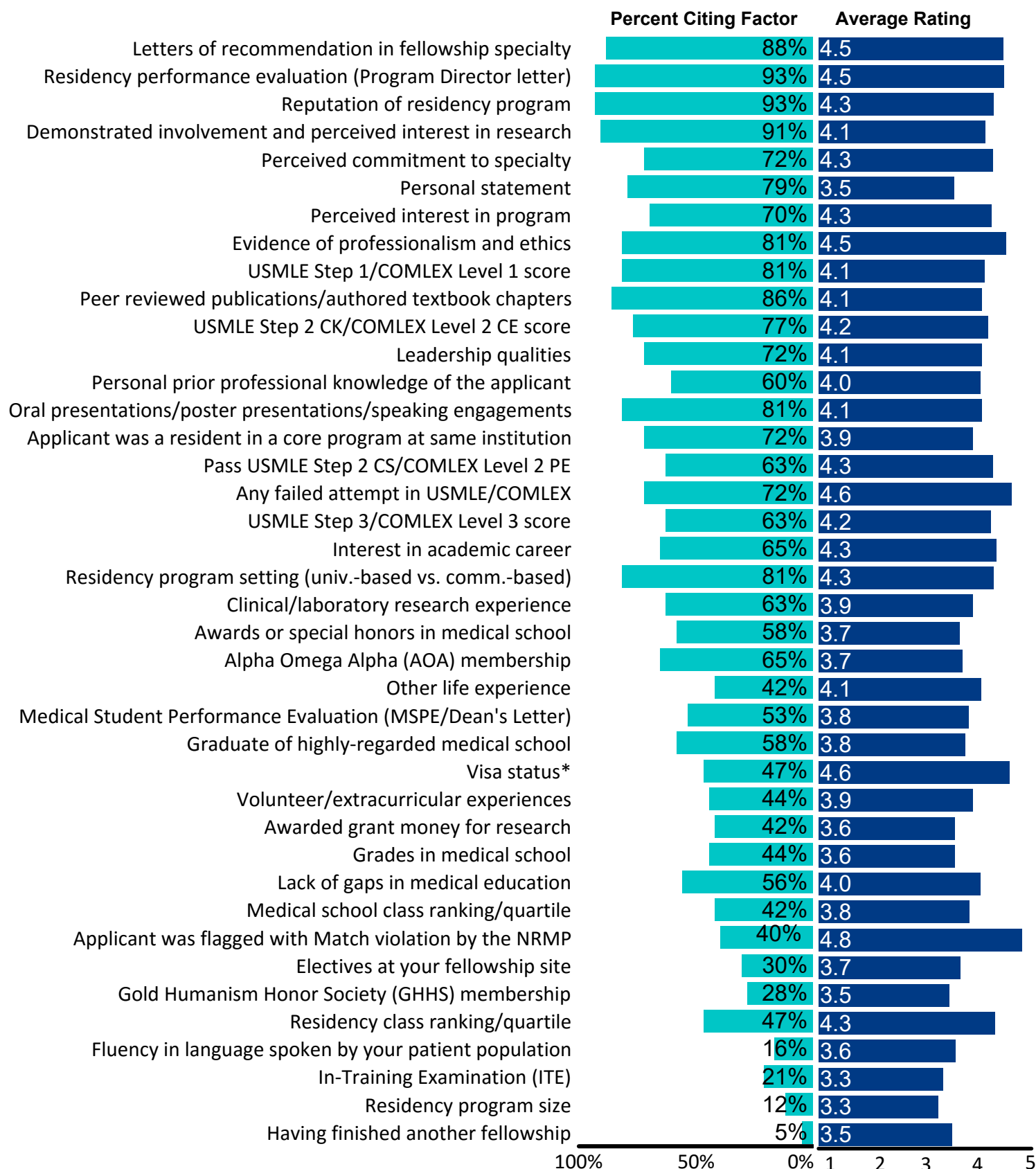
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	179	181	173
Number of positions in the Match	466	464	461
Number of applicants ranking specialty	718	717	703

* Source: NRMP Data Warehouse

Figure-1

Gastroenterology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=43)



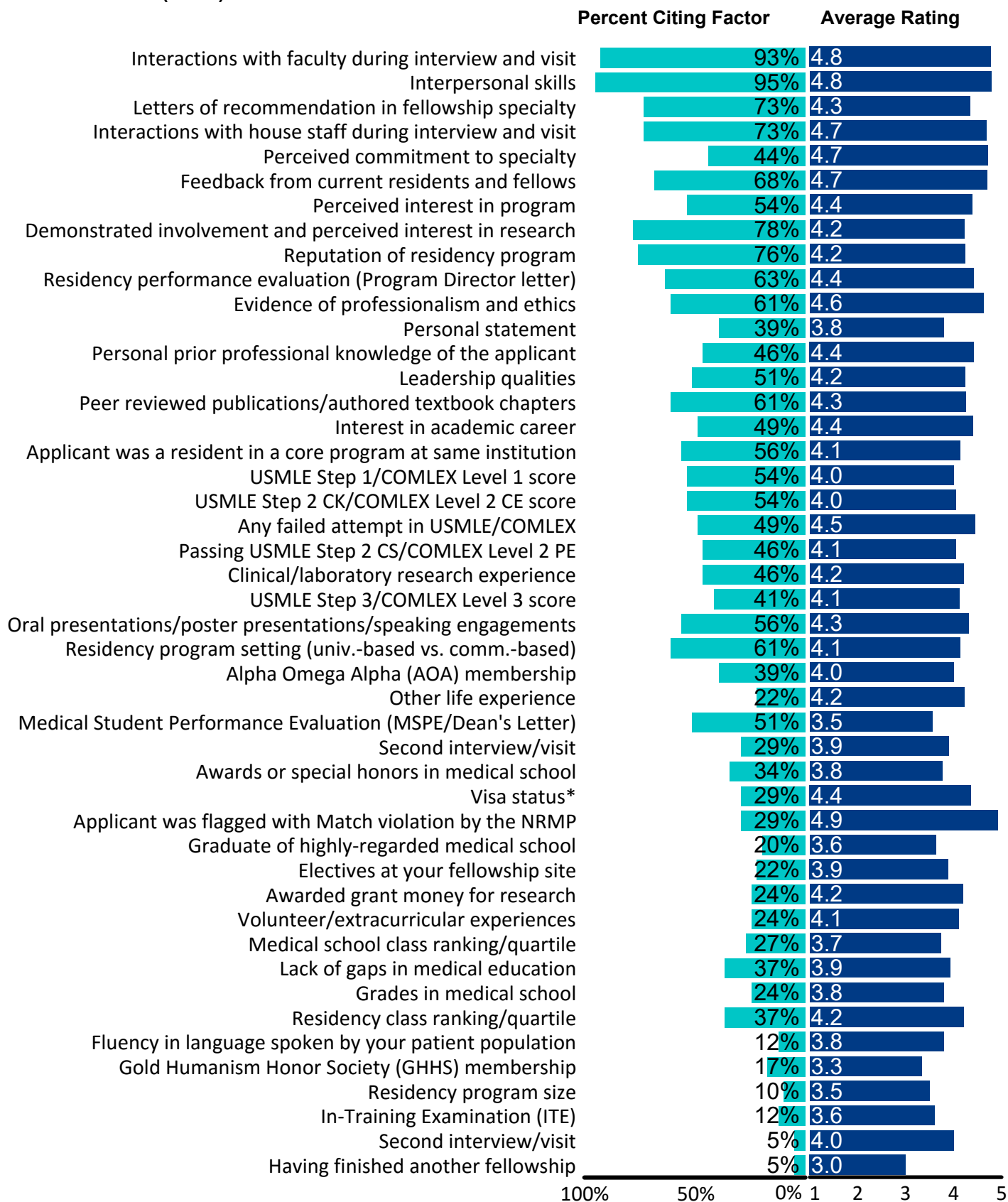
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Gastroenterology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=43)



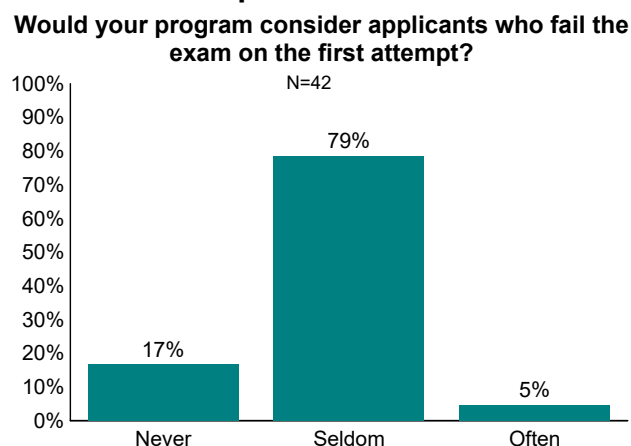
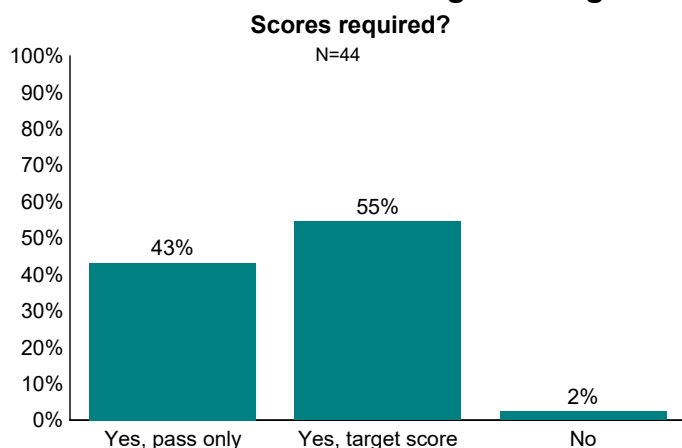
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

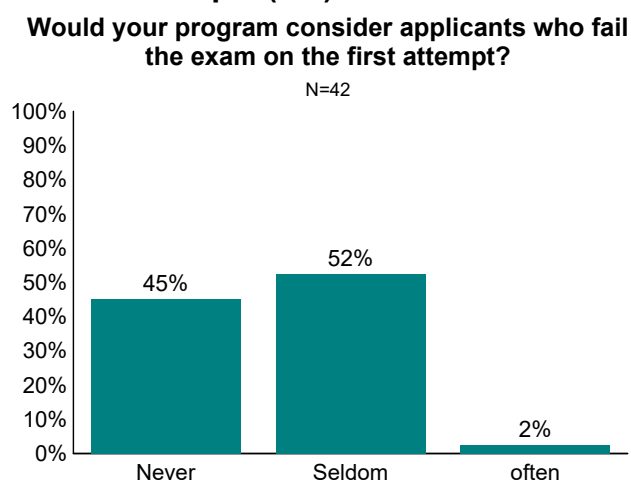
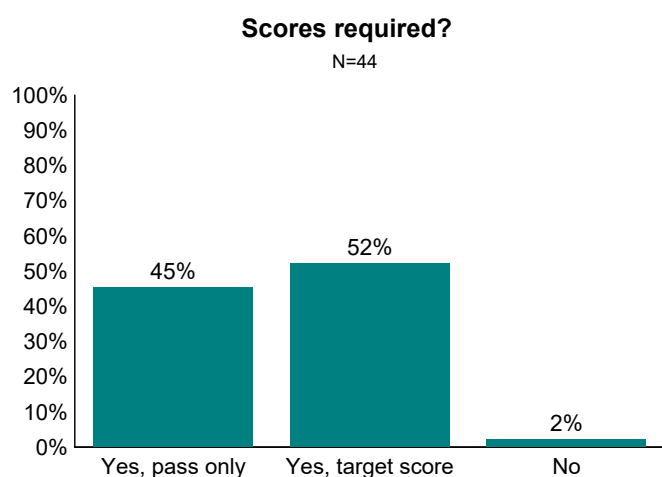
Figure-3

**Gastroenterology
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

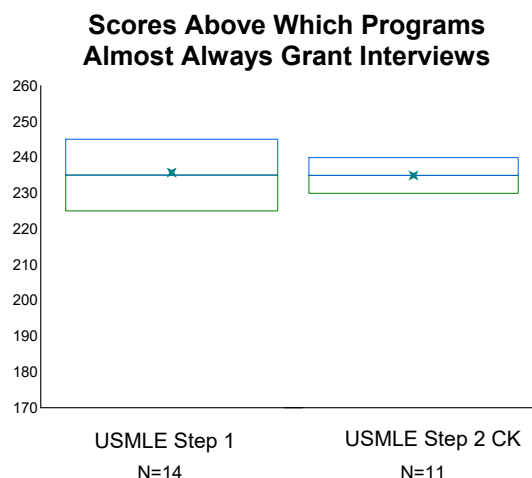
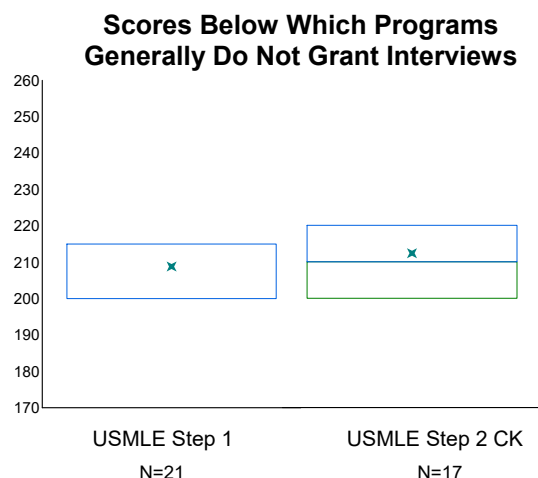
Percentage of Programs That Use USMLE Step 1 Score



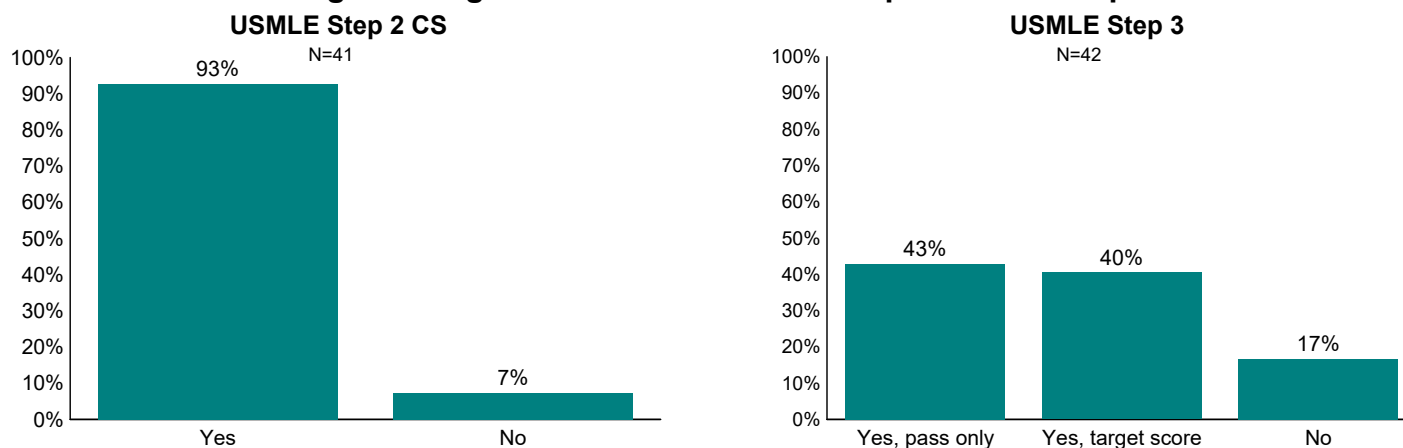
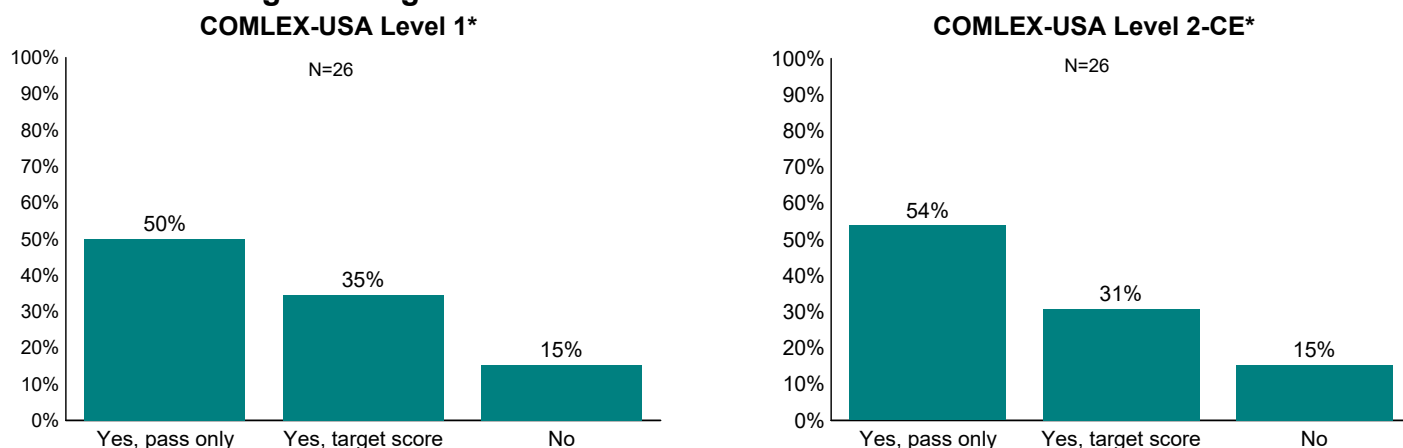
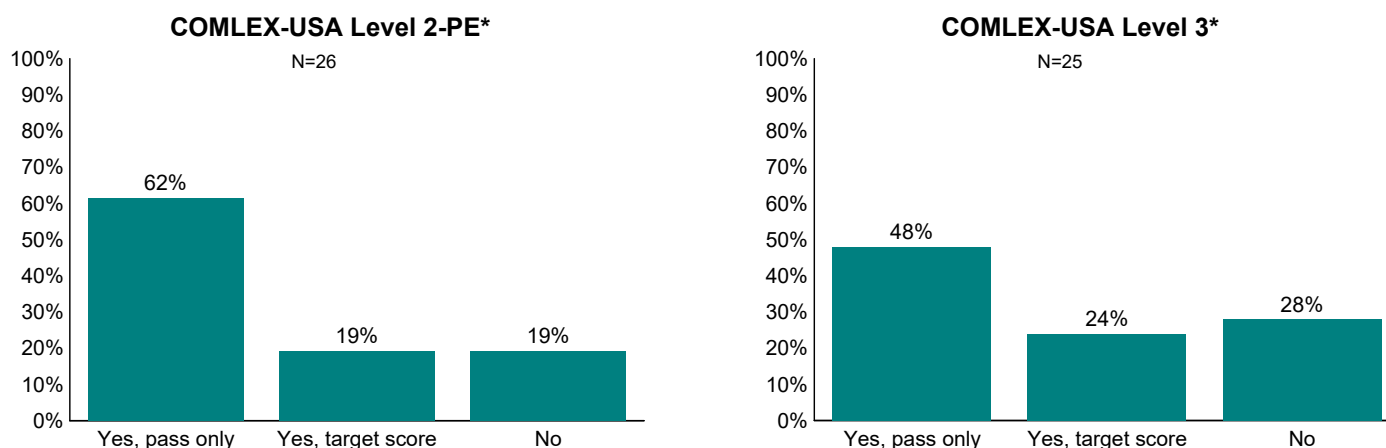
Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**



*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4**Gastroenterology****Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview****Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores****Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores****Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores**

* Osteopathic applicants only

Figure-5

Gastroenterology Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

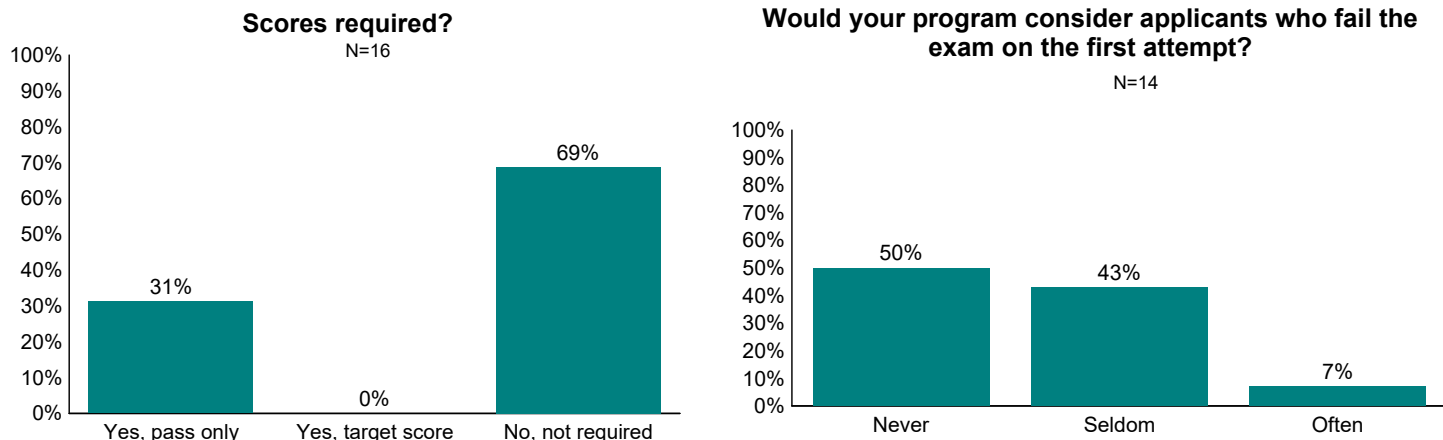


Figure-6

Gastroenterology Programs Positions

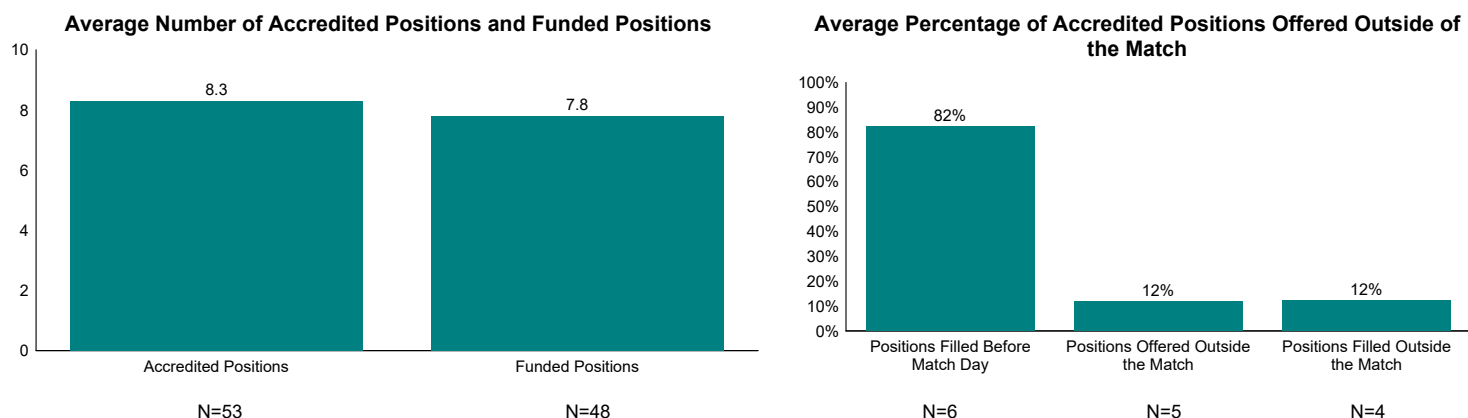
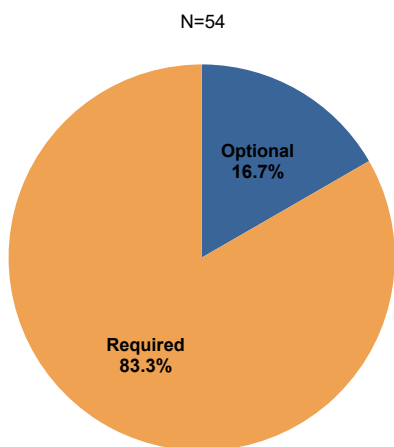


Figure-7

Gastroenterology Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

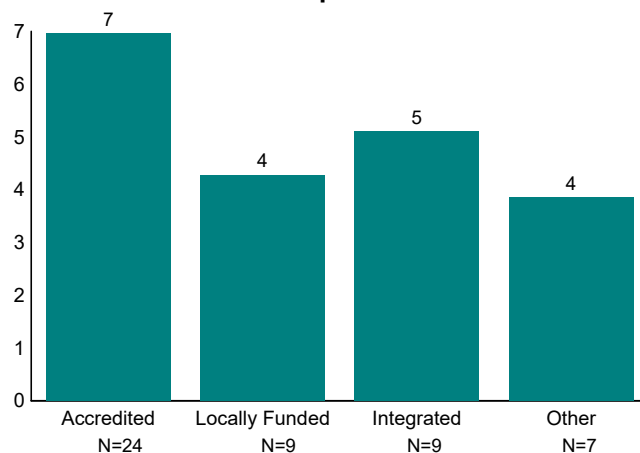
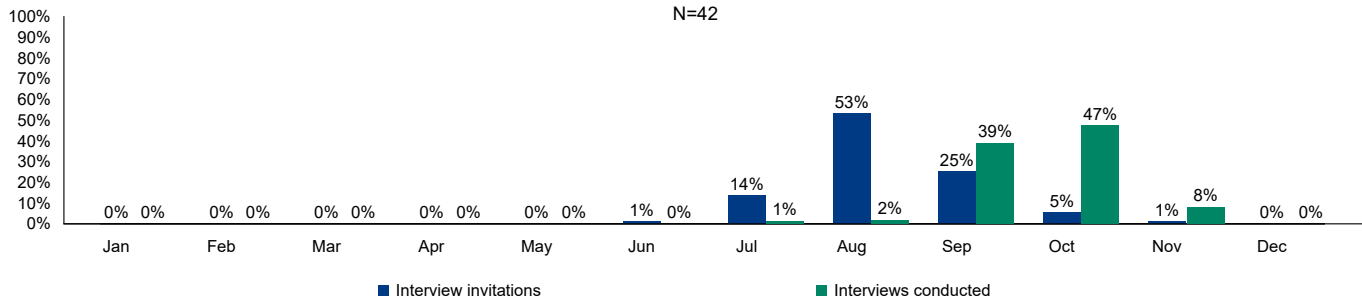


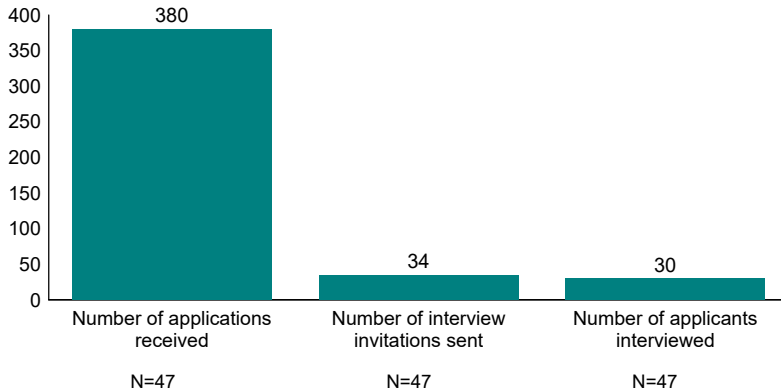
Figure-8

Gastroenterology Program's Interview Activities

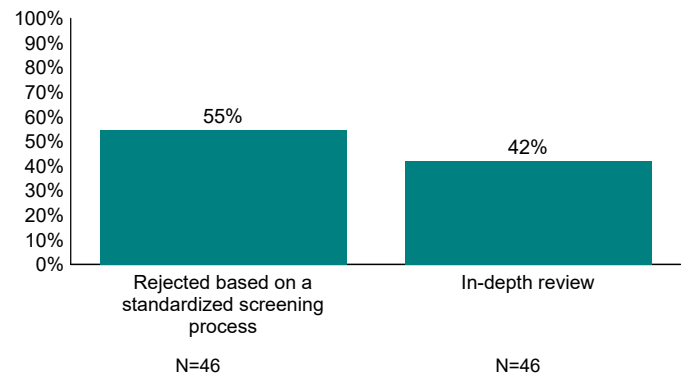
Interview Invitations Sent and Interviews Conducted



Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked

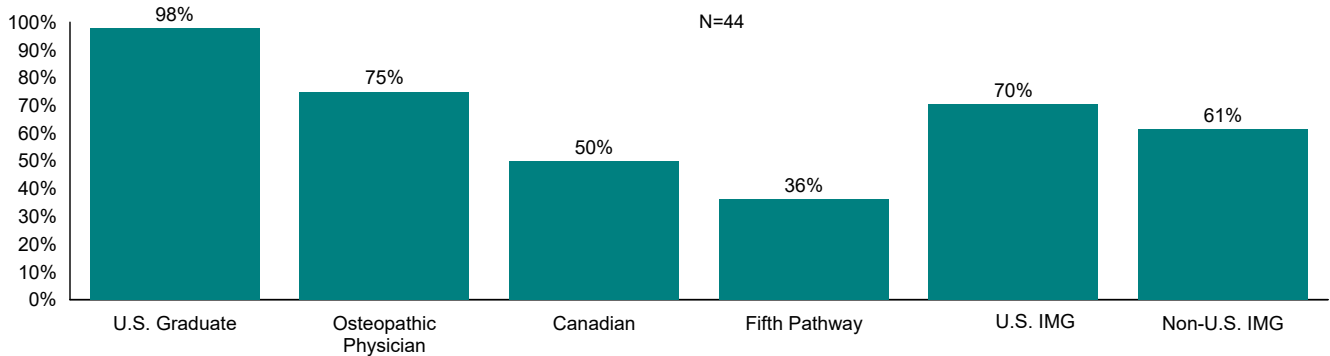


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

32% of Gastroenterology programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

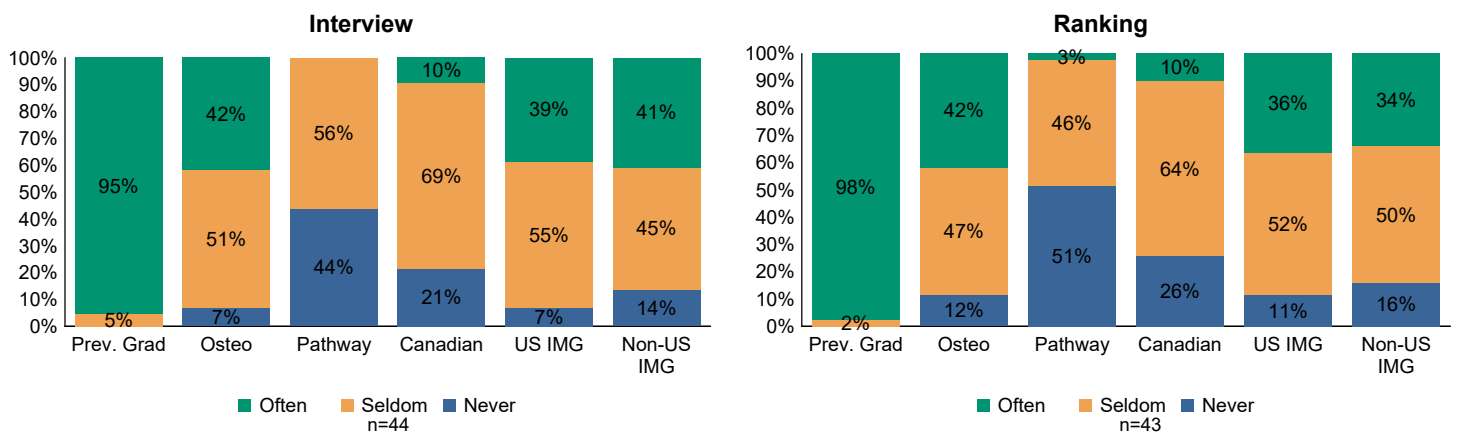


Figure-9

**Gastroenterology
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=39

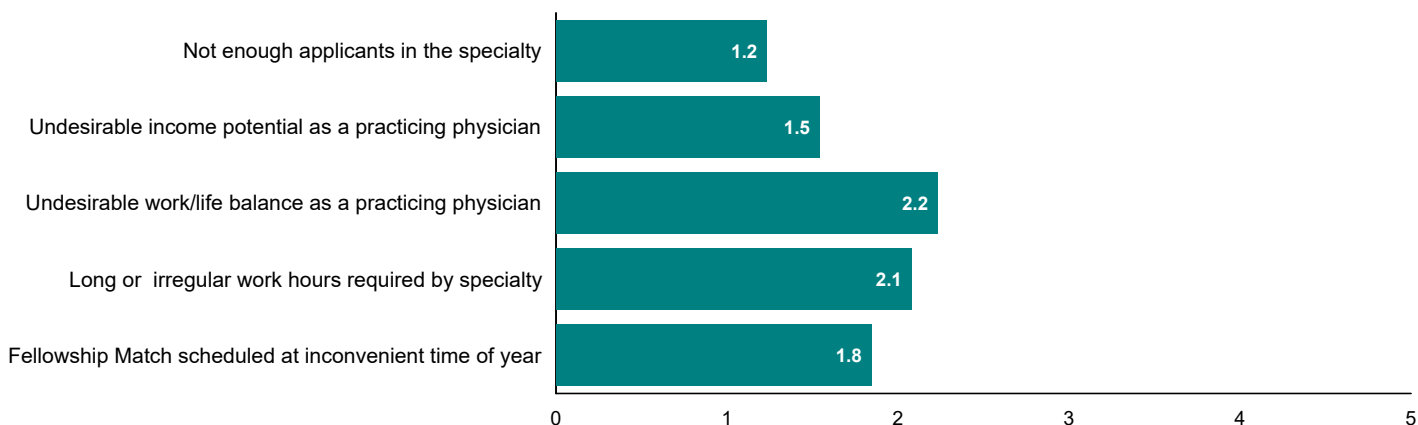


Figure-10

**Gastroenterology
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=40

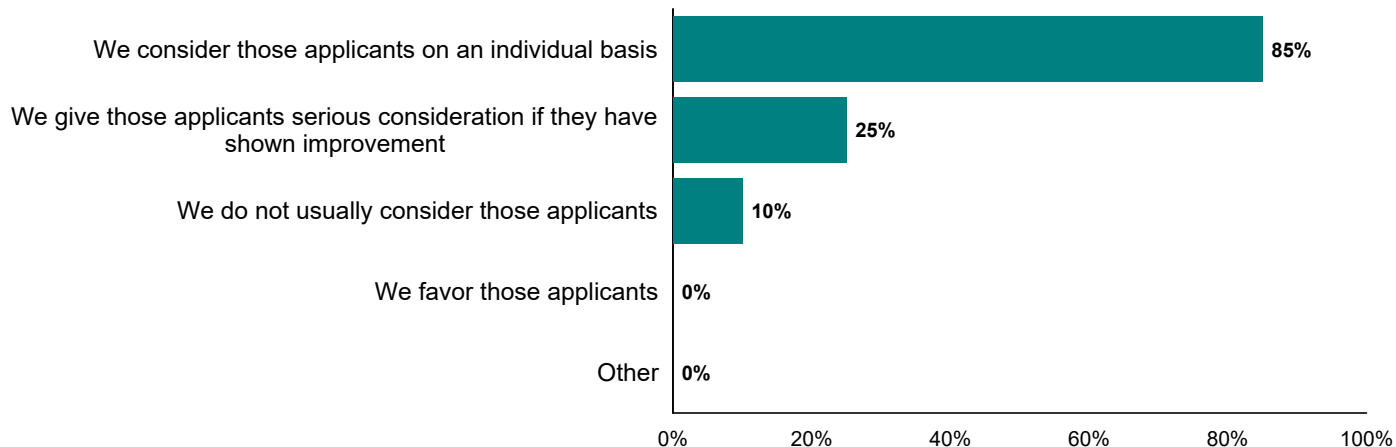
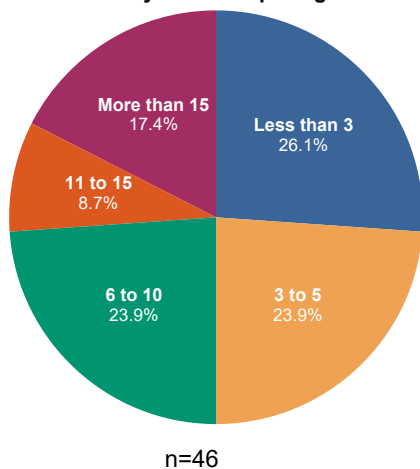


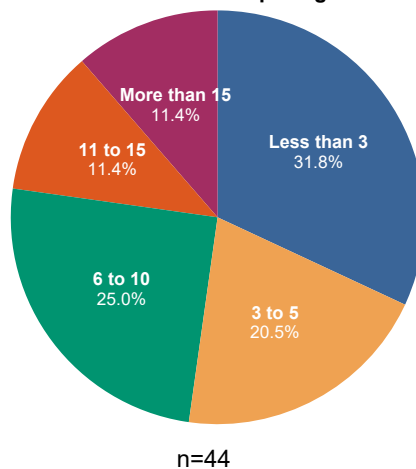
Figure-11

**Gastroenterology
Years as Program Director**

At Any Fellowship Program



At Current Fellowship Program





Geriatric Medicine

2016 Survey

Number of responses	45
Response rate	34.6%

Match Information*

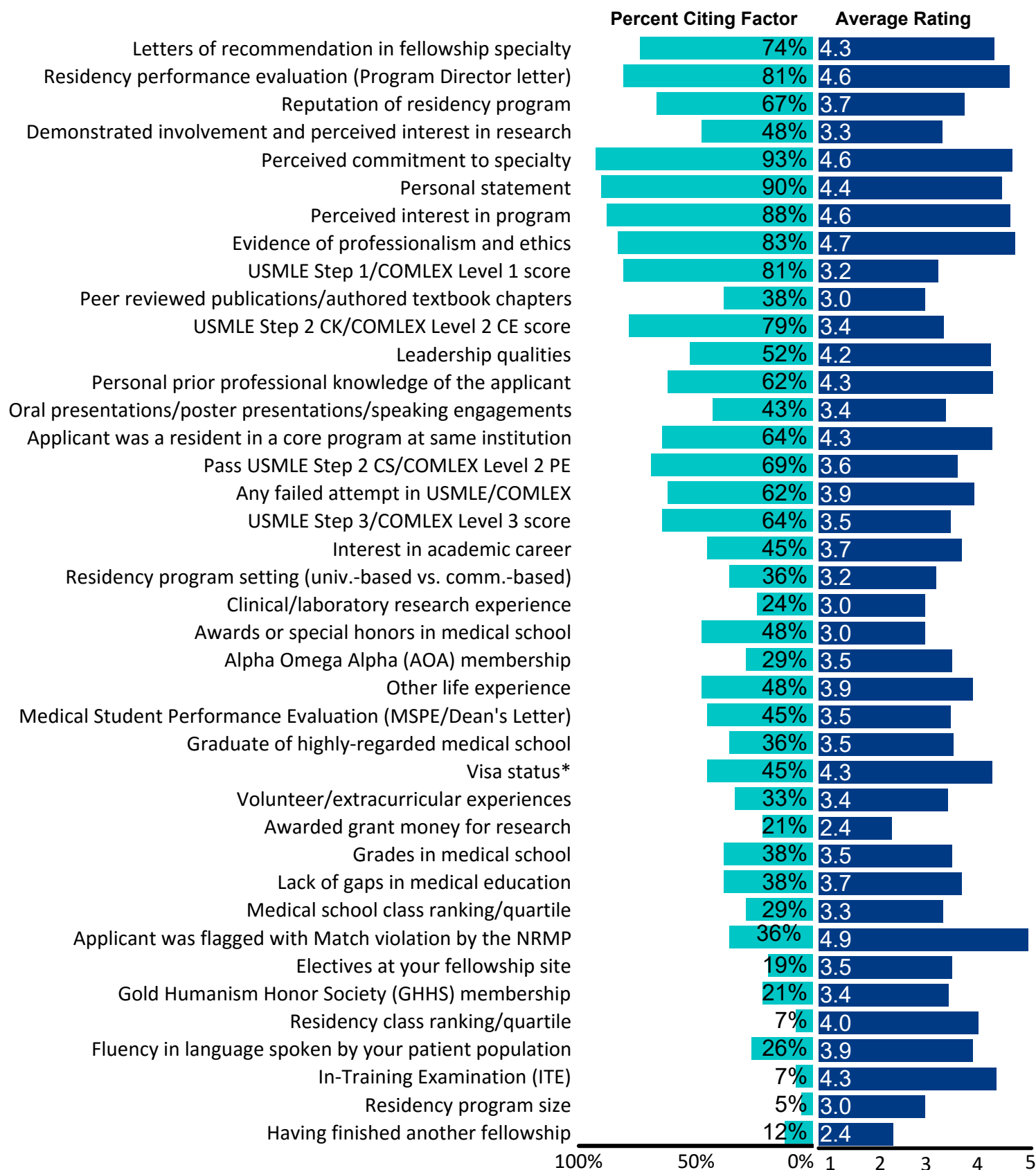
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	137	126	109
Number of positions in the Match	385	353	297
Number of applicants ranking specialty	213	163	132

* Source: NRMP Data Warehouse

Figure-1

Geriatric Medicine

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=42)



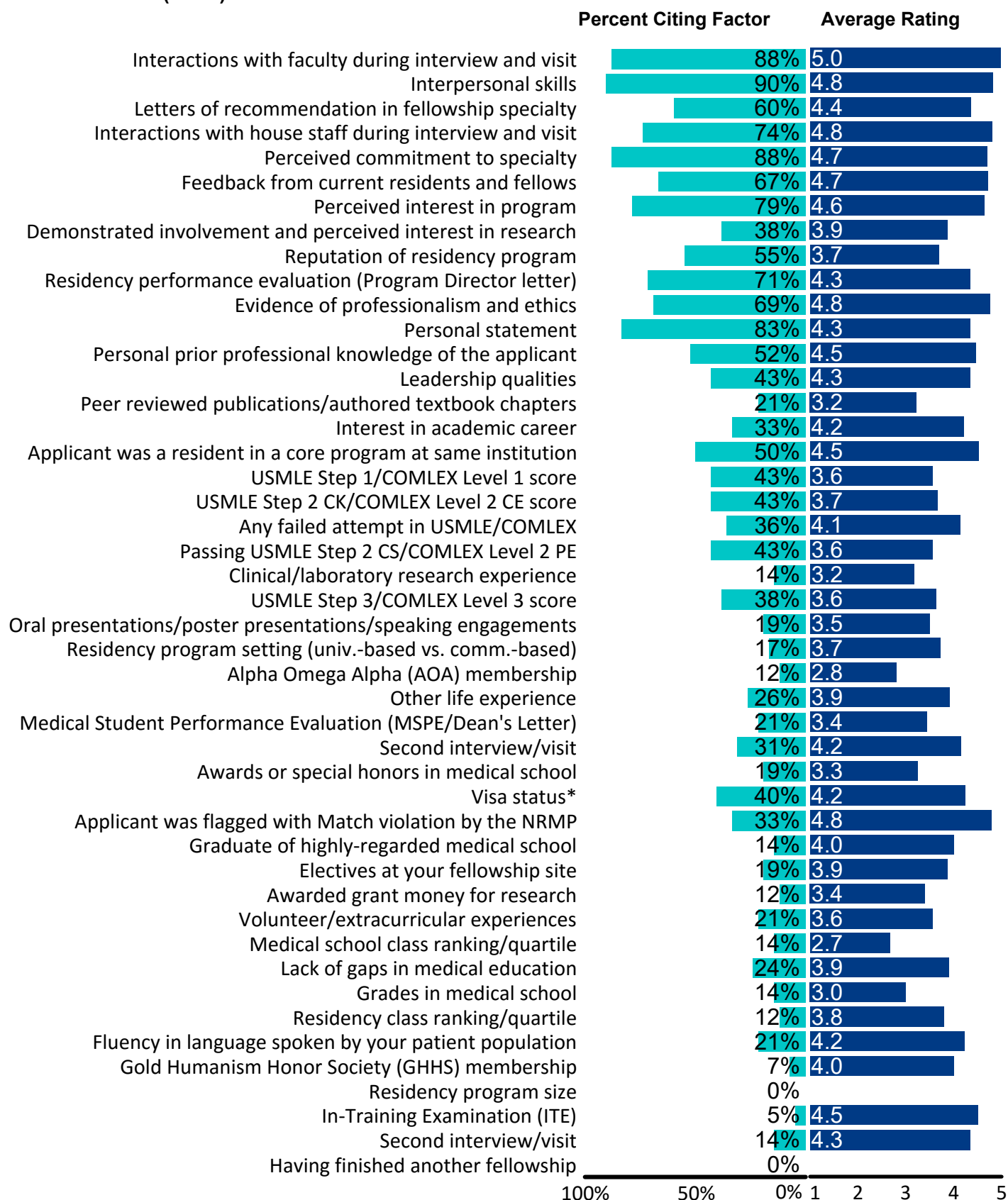
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

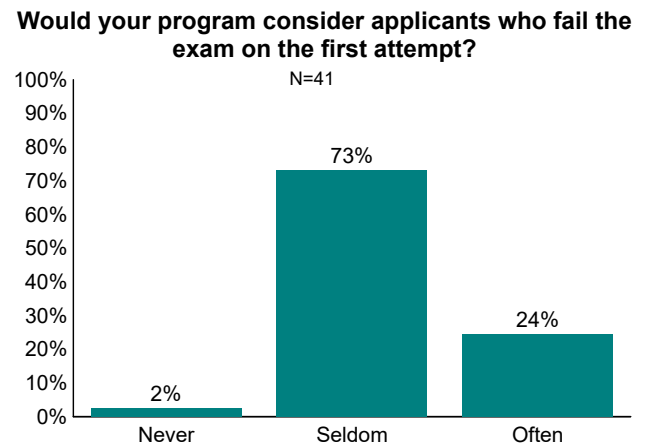
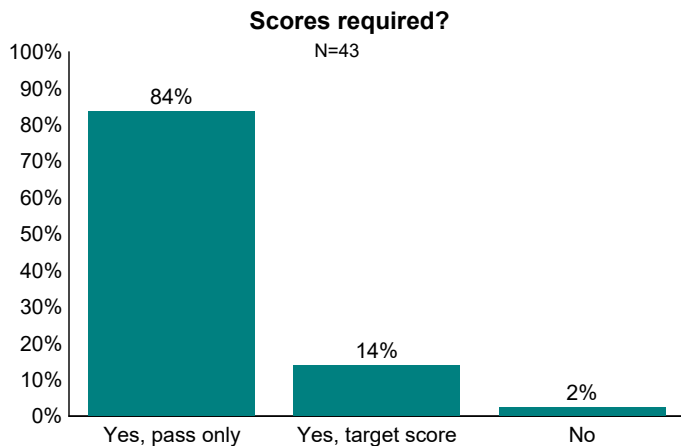
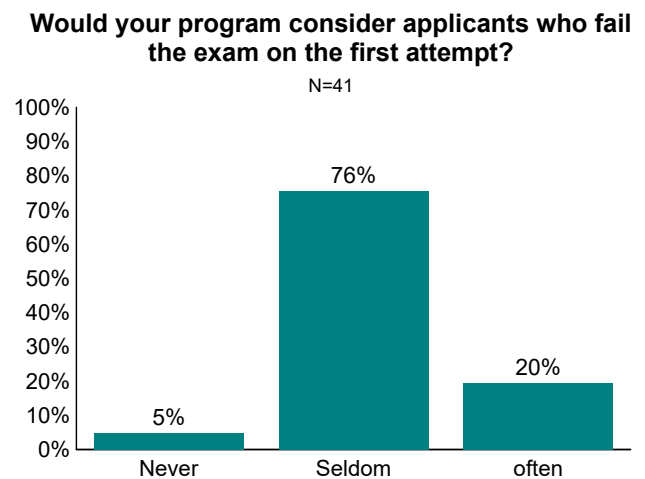
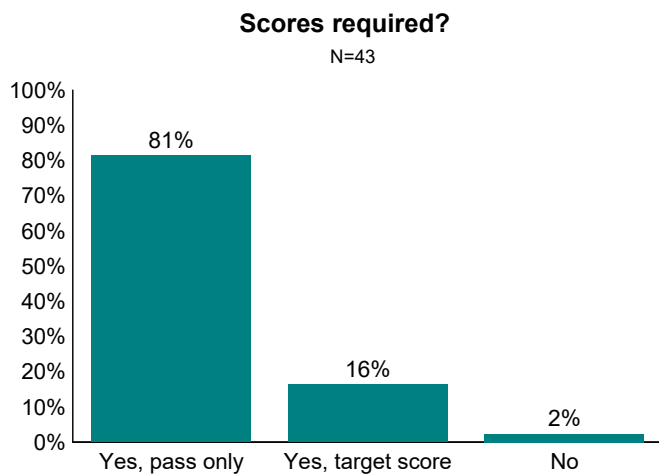
Geriatric Medicine

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=42)



¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-3**Geriatric Medicine****Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When Considering Which Applicants to Interview****Percentage of Programs That Use USMLE Step 1 Score****Percentage of Programs That Use USMLE Step 2 (CK) Score****IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs Consider When Granting Interviews****Scores Below Which Programs Generally Do Not Grant Interviews**

USMLE Step 1 not reported because of low response rate

USMLE Step 2 CK not reported because of low response rate

Scores Above Which Programs Almost Always Grant Interviews

USMLE Step 1 not reported because of low response rate

USMLE Step 2 CK not reported because of low response rate

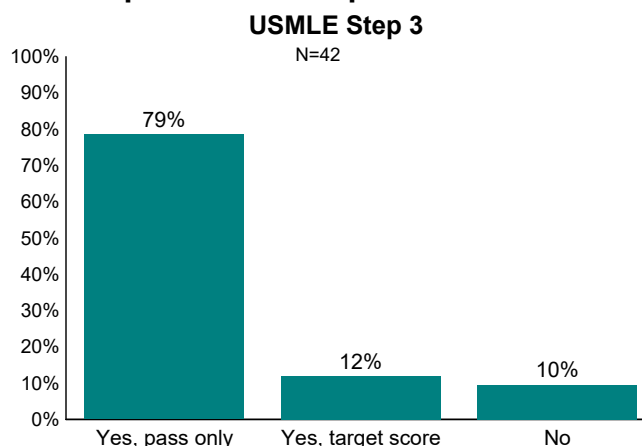
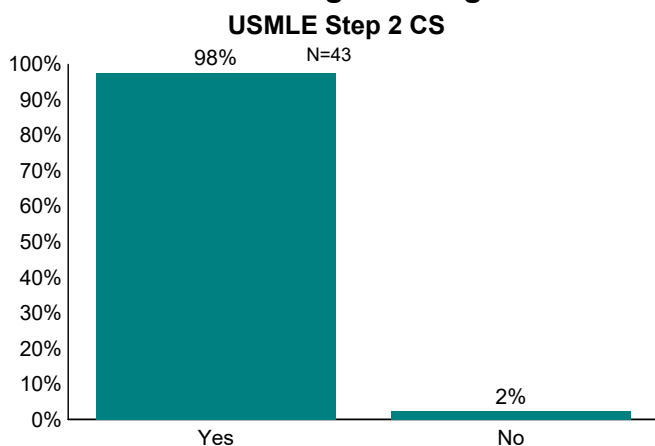
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

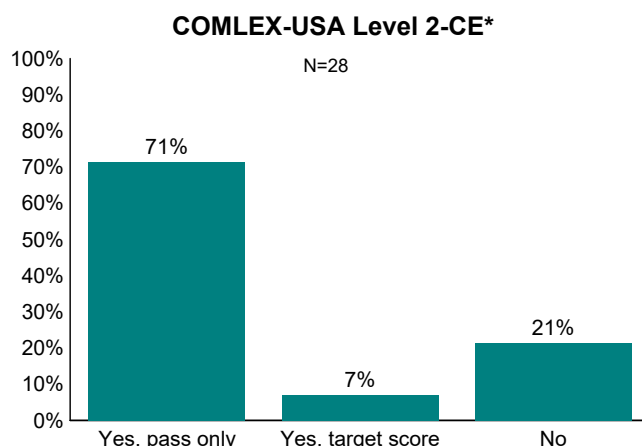
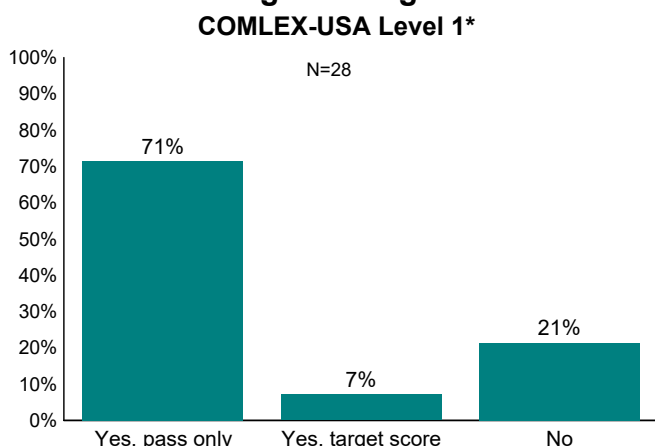
Geriatric Medicine

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

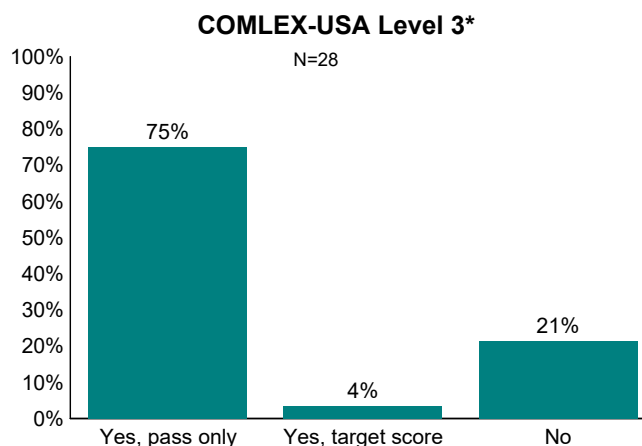
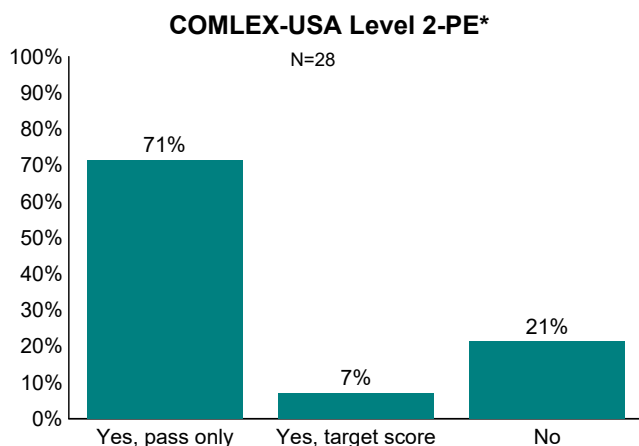
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Geriatric Medicine Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

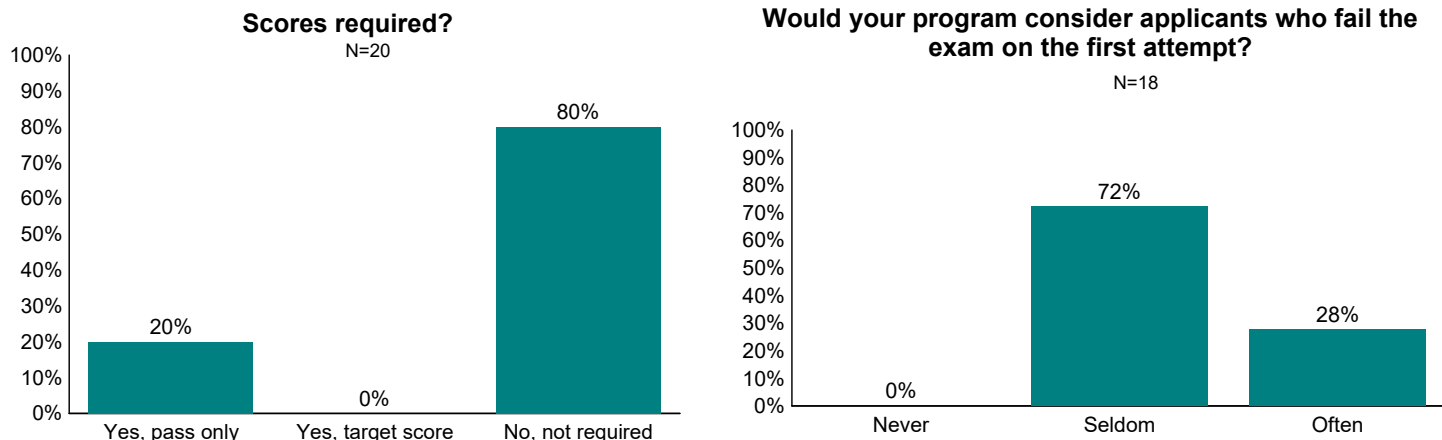


Figure-6

Geriatric Medicine Programs Positions

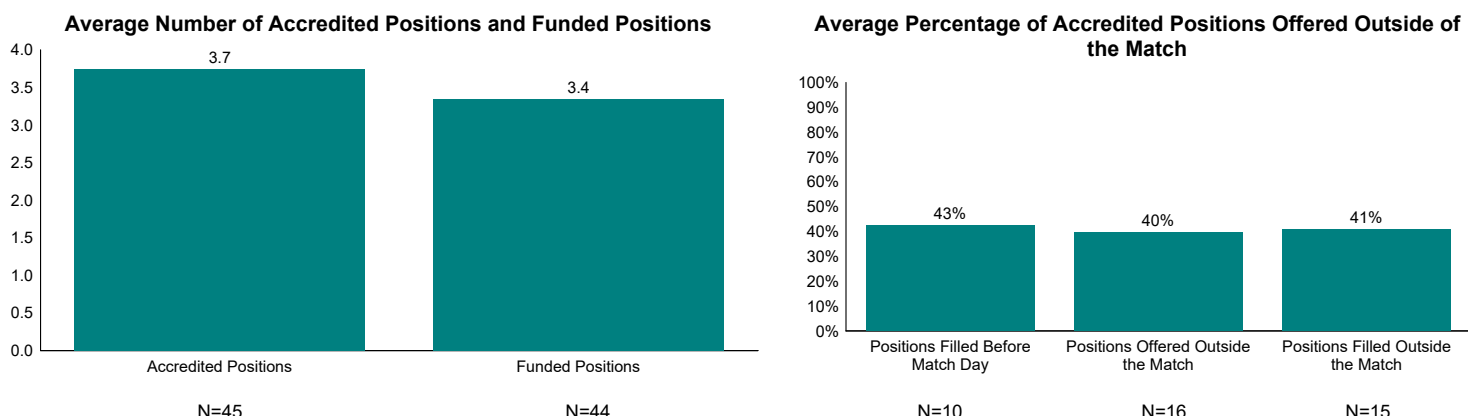
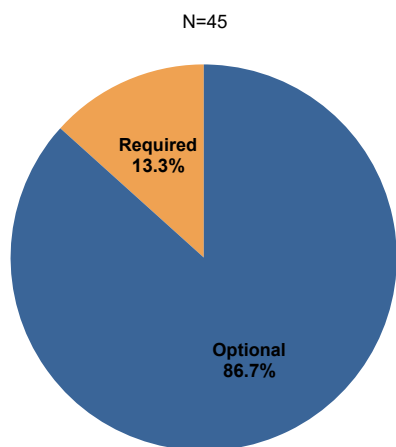


Figure-7

Geriatric Medicine Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

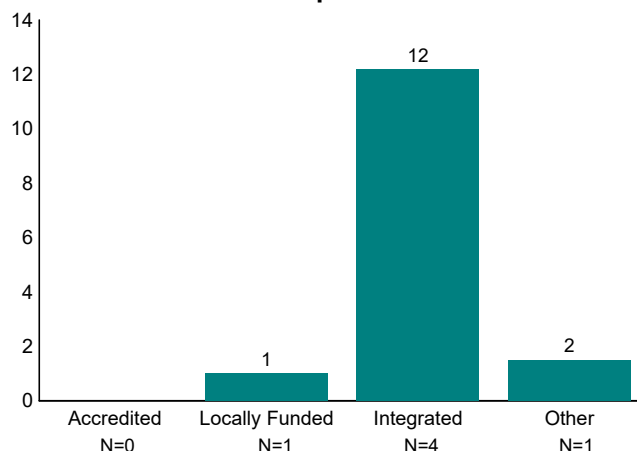
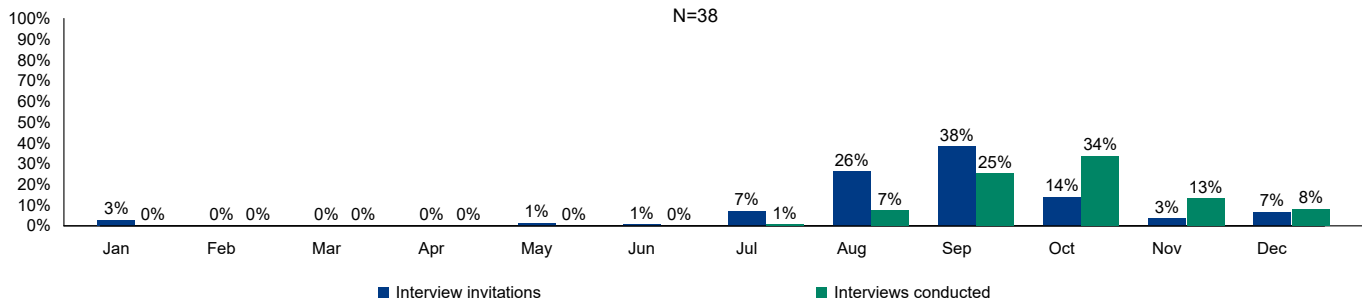


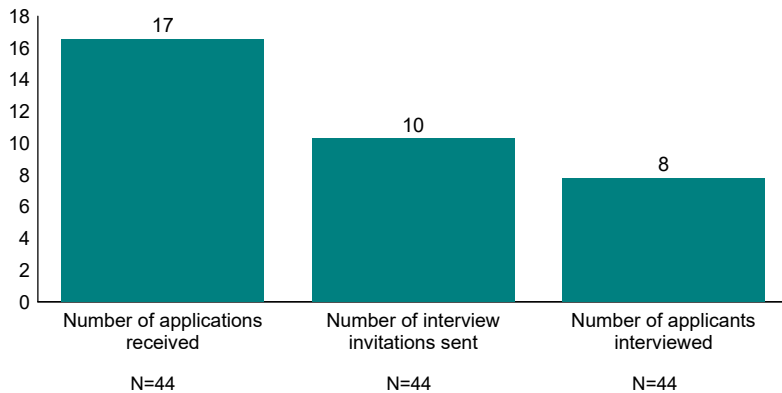
Figure-8

Geriatric Medicine Program's Interview Activities

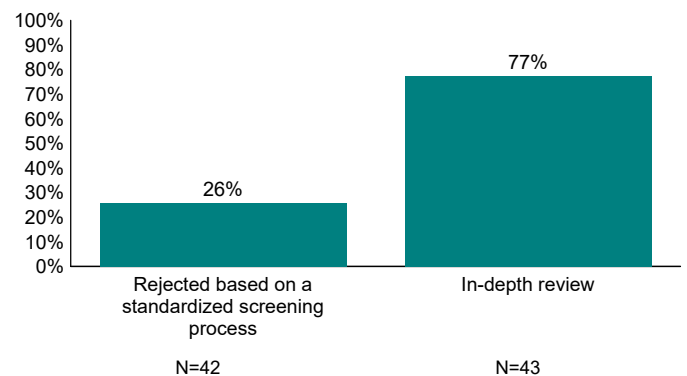
Interview Invitations Sent and Interviews Conducted



Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked

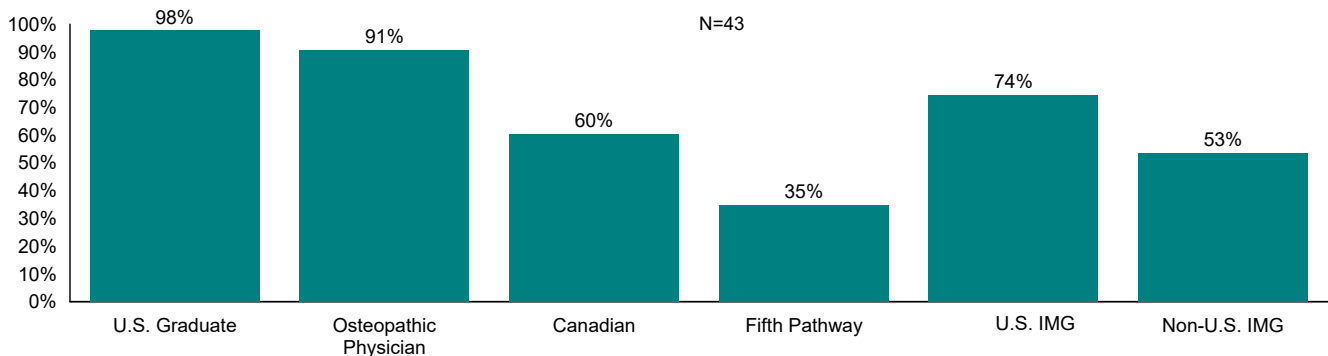


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

28% of Geriatric Medicine programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

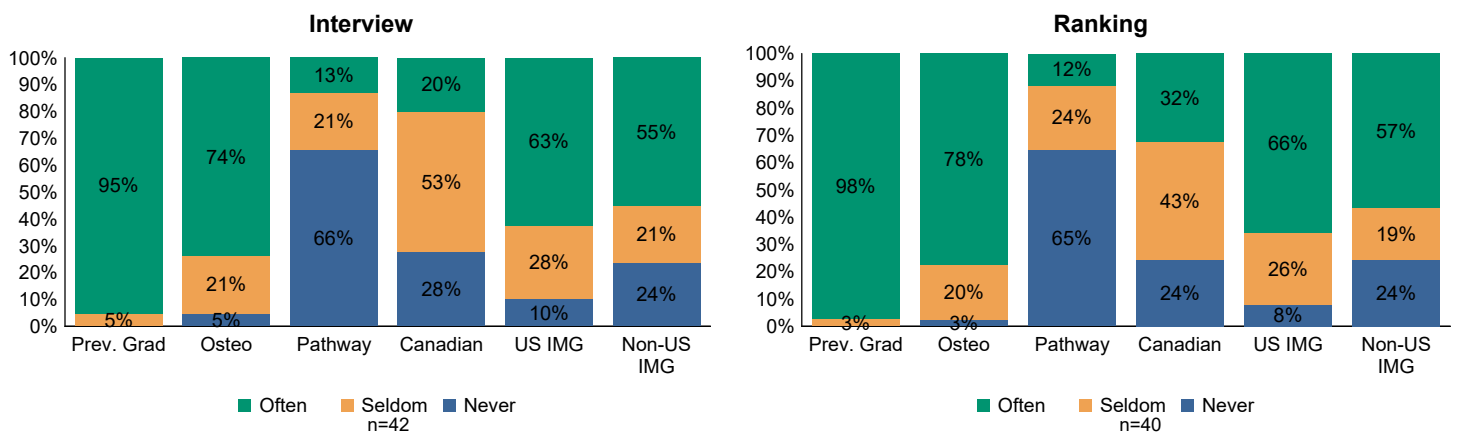


Figure-9

**Geriatric Medicine
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=39

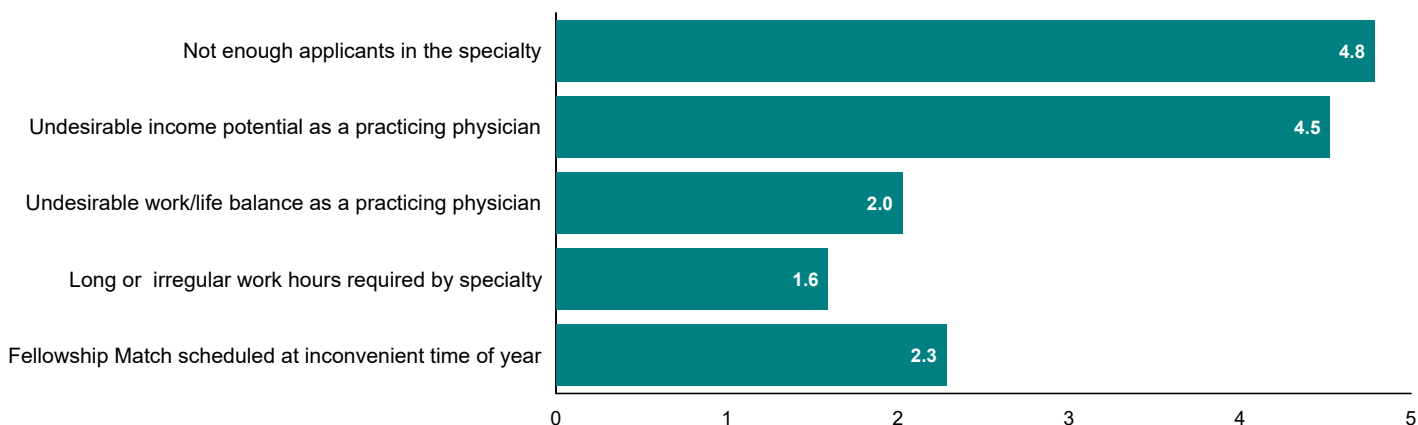


Figure-10

**Geriatric Medicine
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=36

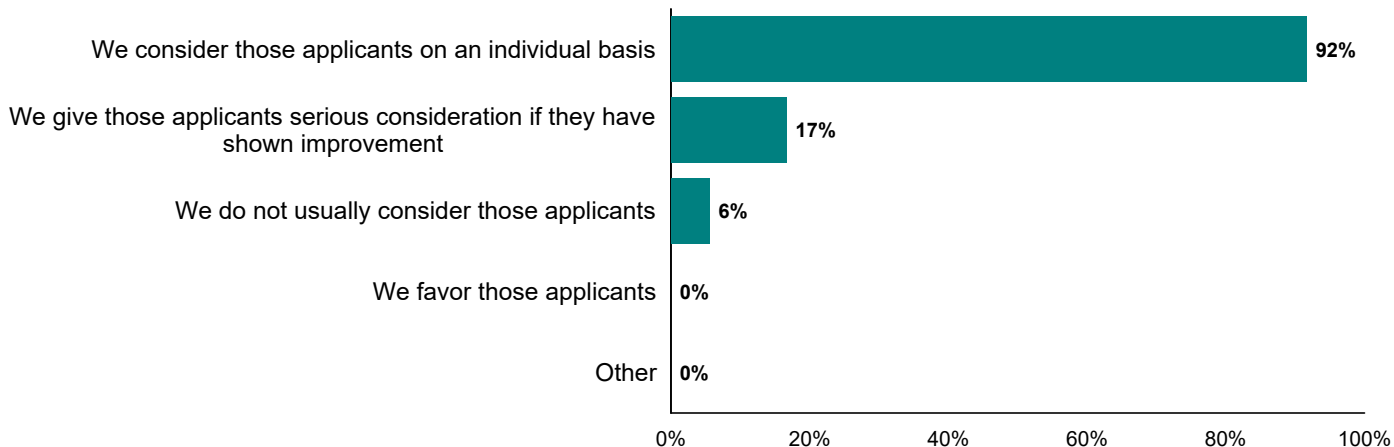
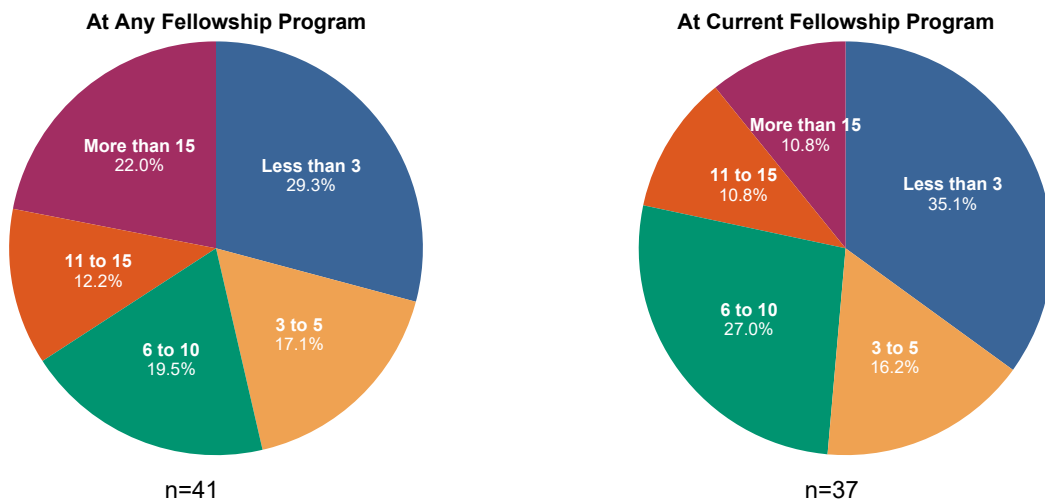


Figure-11

**Geriatric Medicine
Years as Program Director**





Gynecologic Oncology

2016 Survey

Number of responses	10
Response rate	24.4%

Match Information*

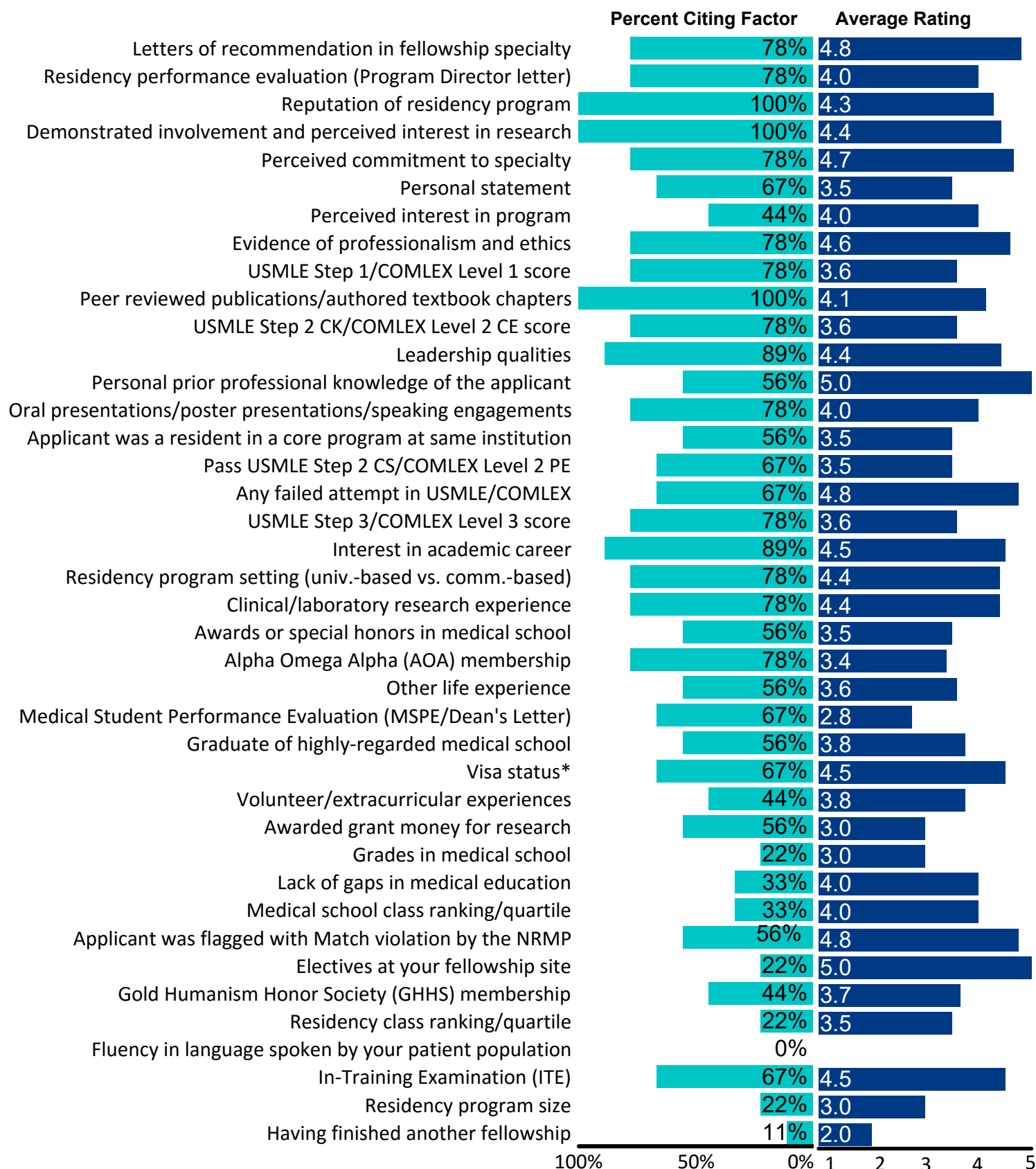
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	41	44	40
Number of positions in the Match	56	52	53
Number of applicants ranking specialty	80	91	87

* Source: NRMP Data Warehouse

Figure-1

Gynecologic Oncology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=9)



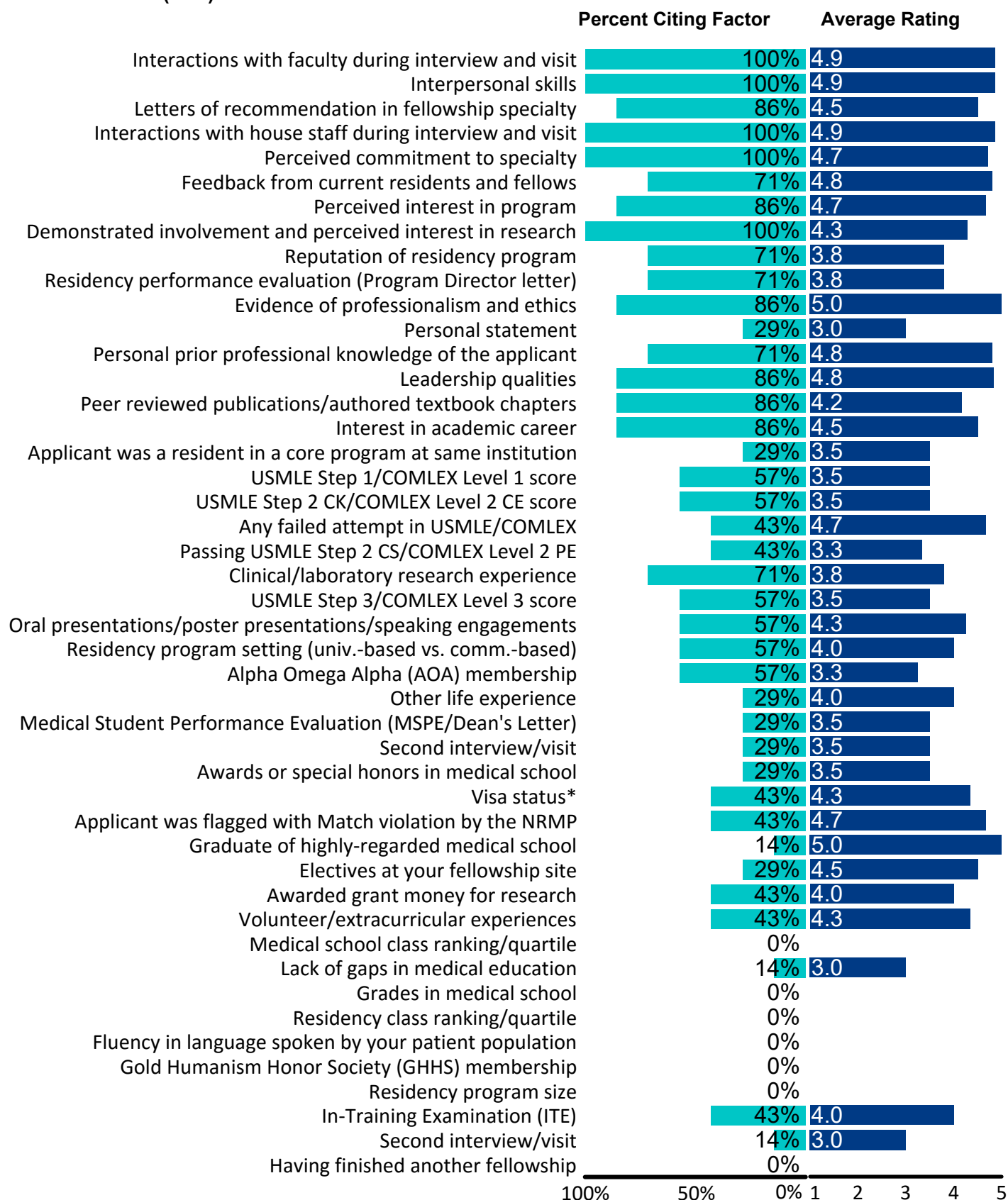
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Gynecologic Oncology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=9)



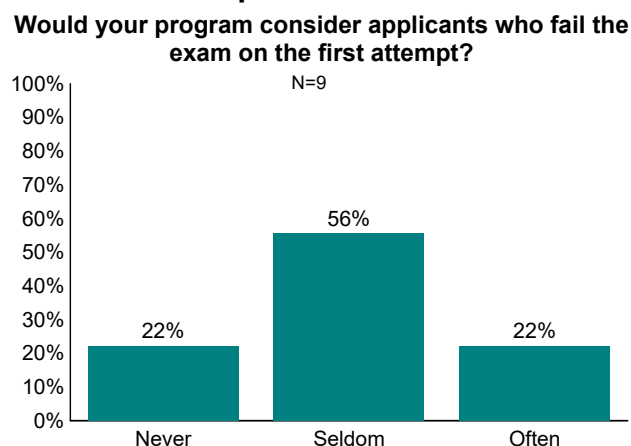
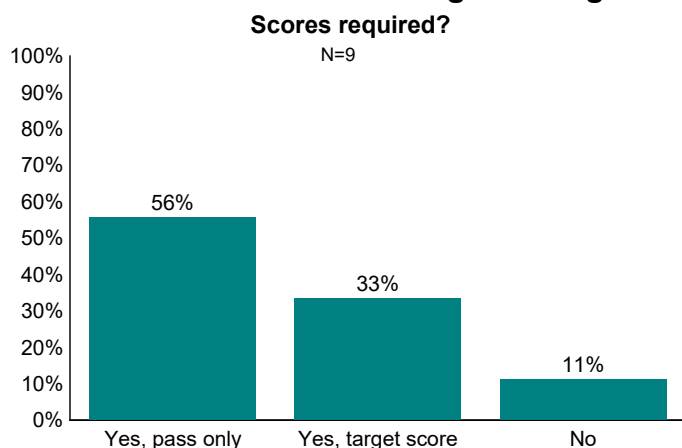
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

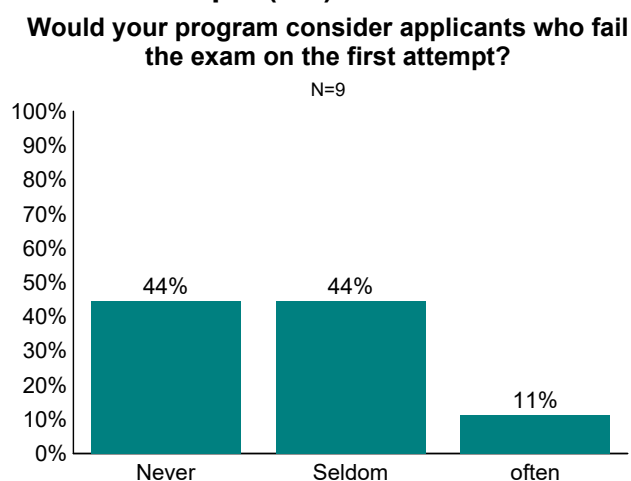
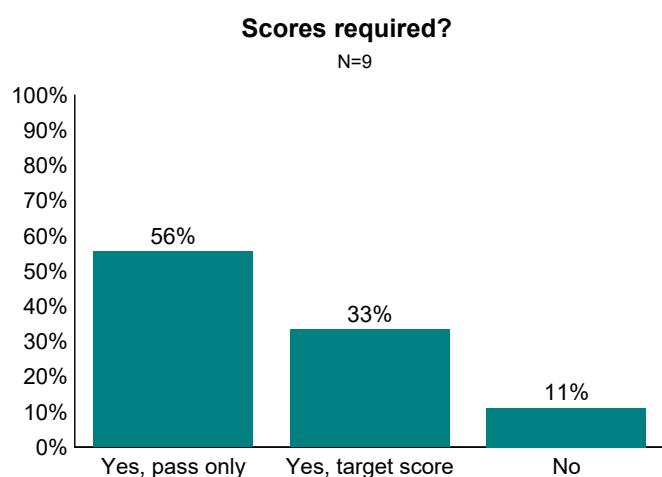
Figure-3

**Gynecologic Oncology
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**

**Scores Below Which Programs
Generally Do Not Grant Interviews**

USMLE Step 1 not
reported because
of low response
rate

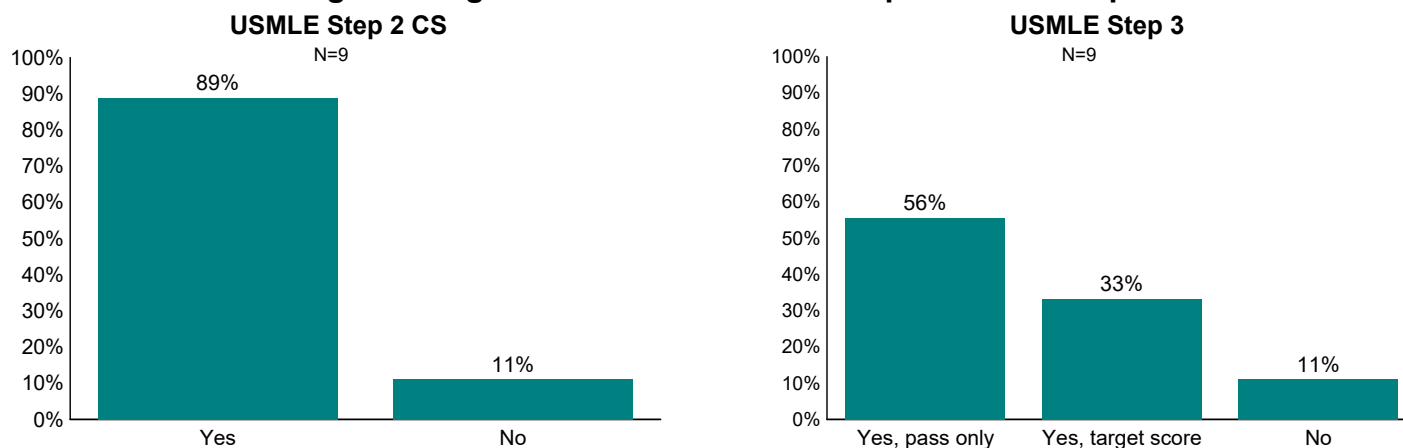
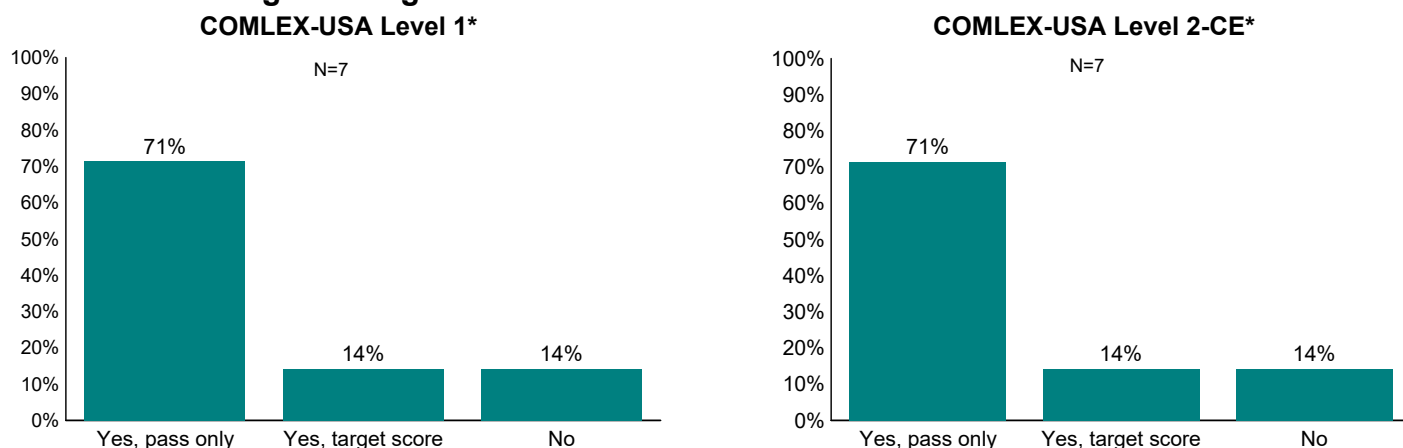
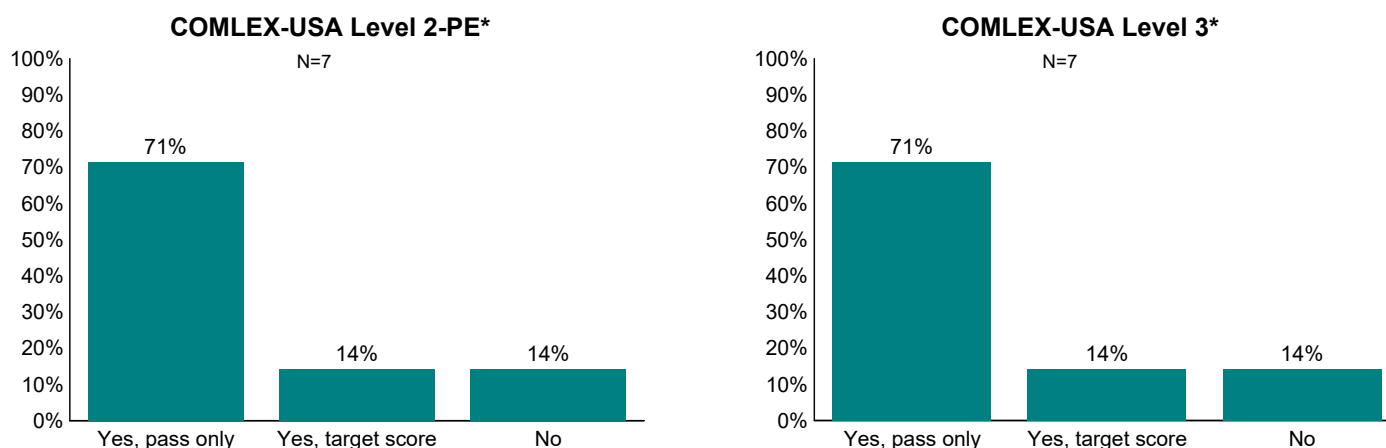
USMLE Step 2 CK
not reported
because of low
response rate

**Scores Above Which Programs
Almost Always Grant Interviews**

USMLE Step 1 not
reported because
of low response
rate

USMLE Step 2 CK
not reported
because of low
response rate

*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4**Gynecologic Oncology****Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview****Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores****Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores****Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores**

* Osteopathic applicants only

Figure-5

Gynecologic Oncology Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

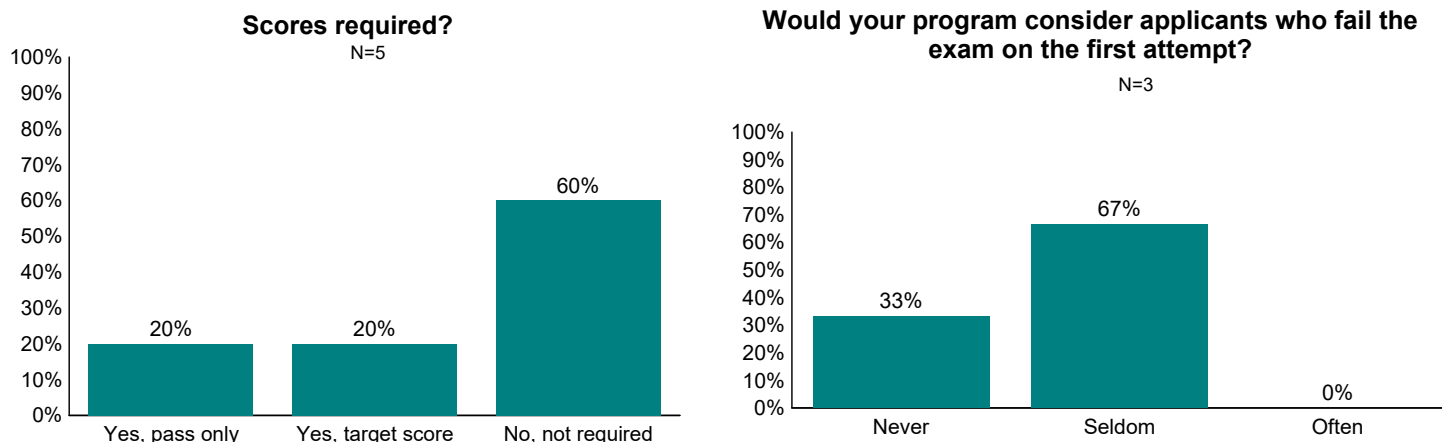


Figure-6

Gynecologic Oncology Programs Positions

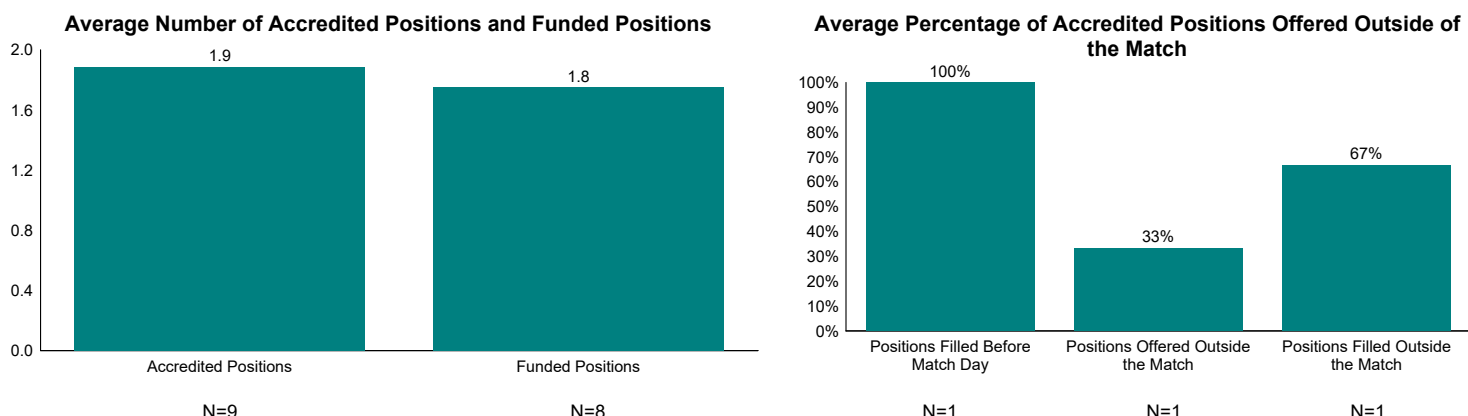
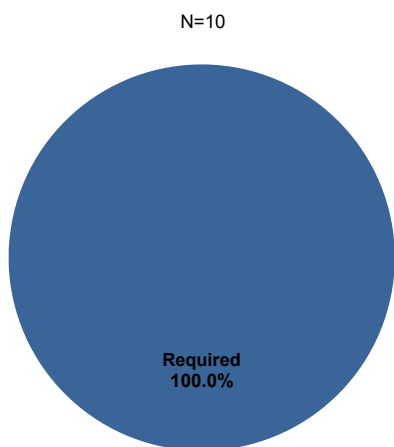


Figure-7

Gynecologic Oncology Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

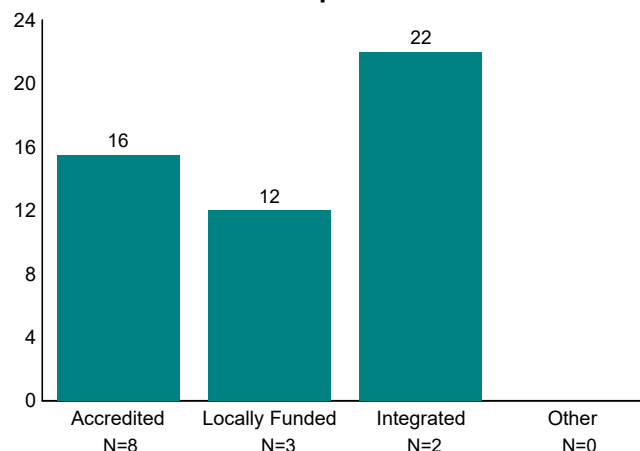
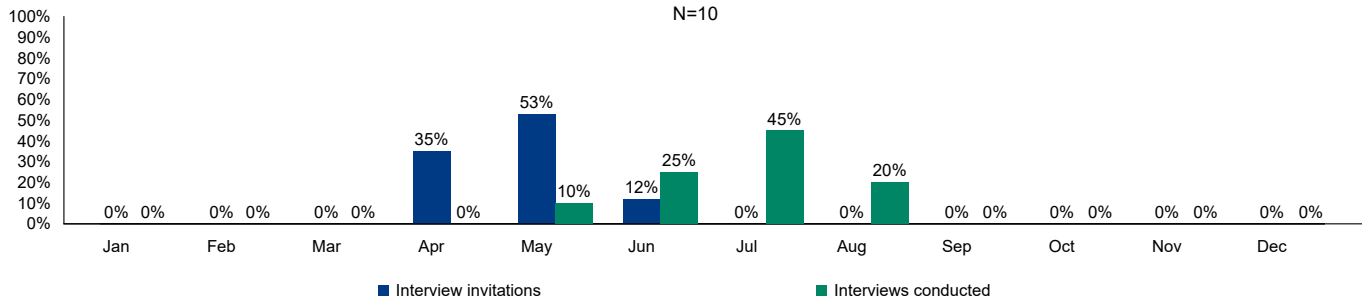


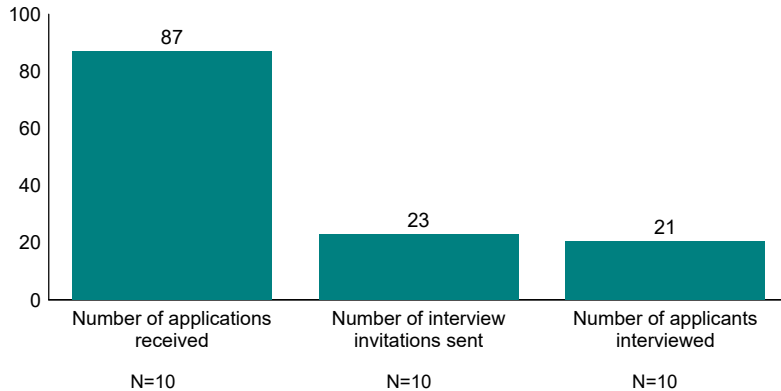
Figure-8

Gynecologic Oncology Program's Interview Activities

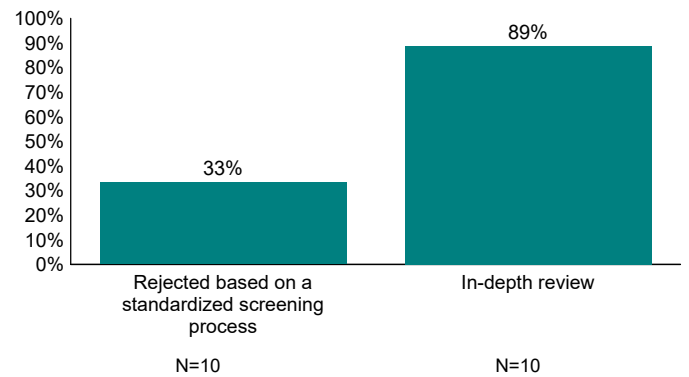
Interview Invitations Sent and Interviews Conducted



Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked

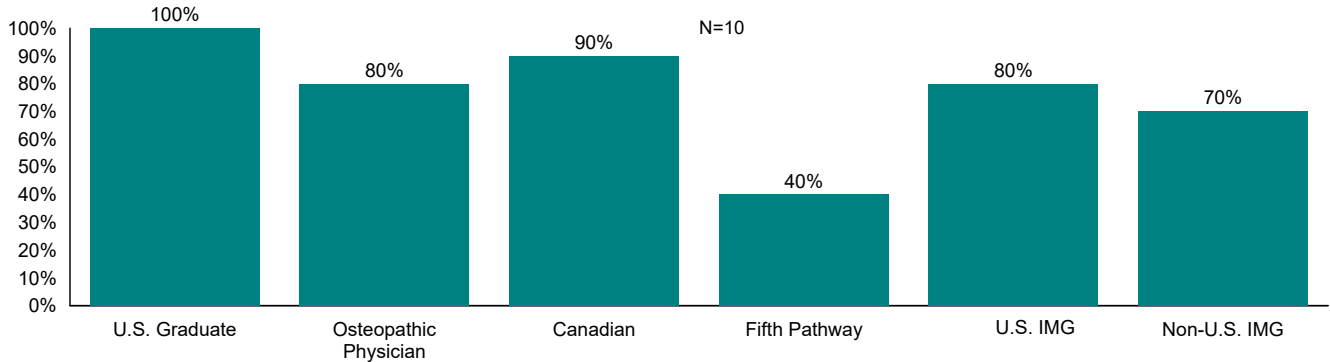


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

40% of Gynecologic Oncology programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

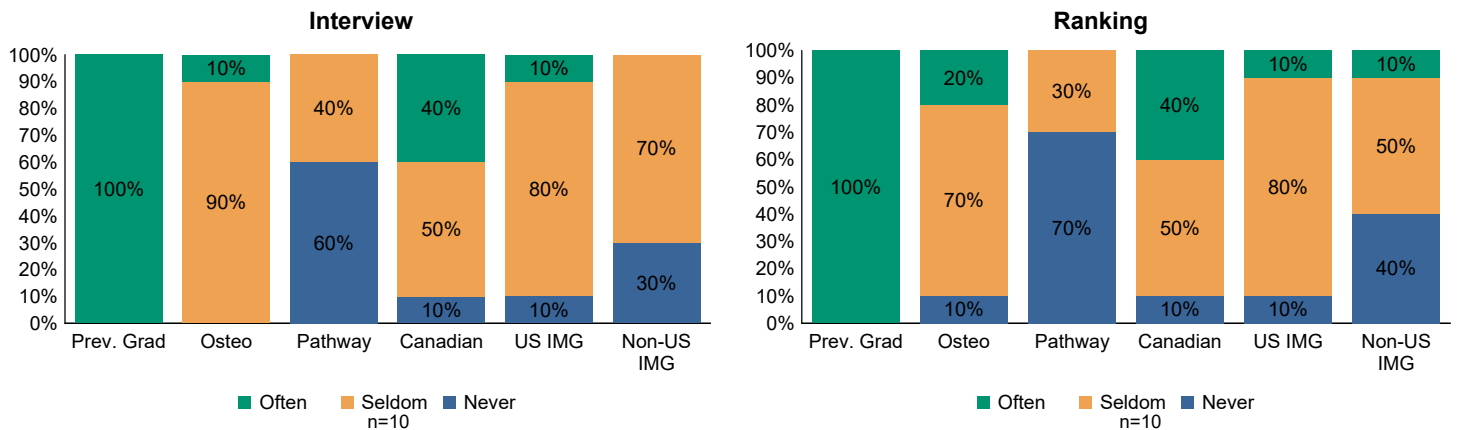


Figure-9

**Gynecologic Oncology
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=6

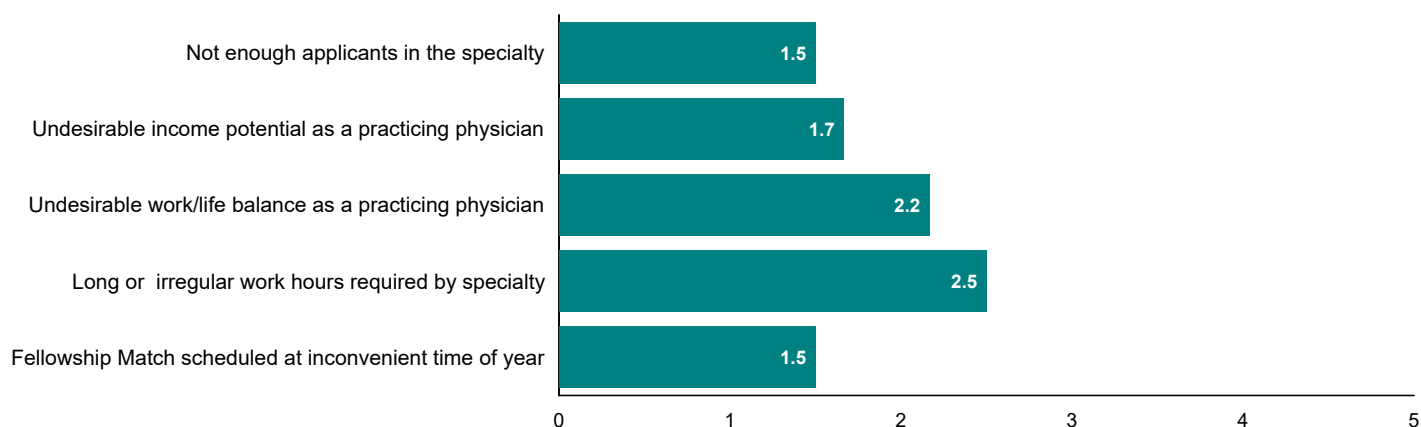


Figure-10

**Gynecologic Oncology
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=7

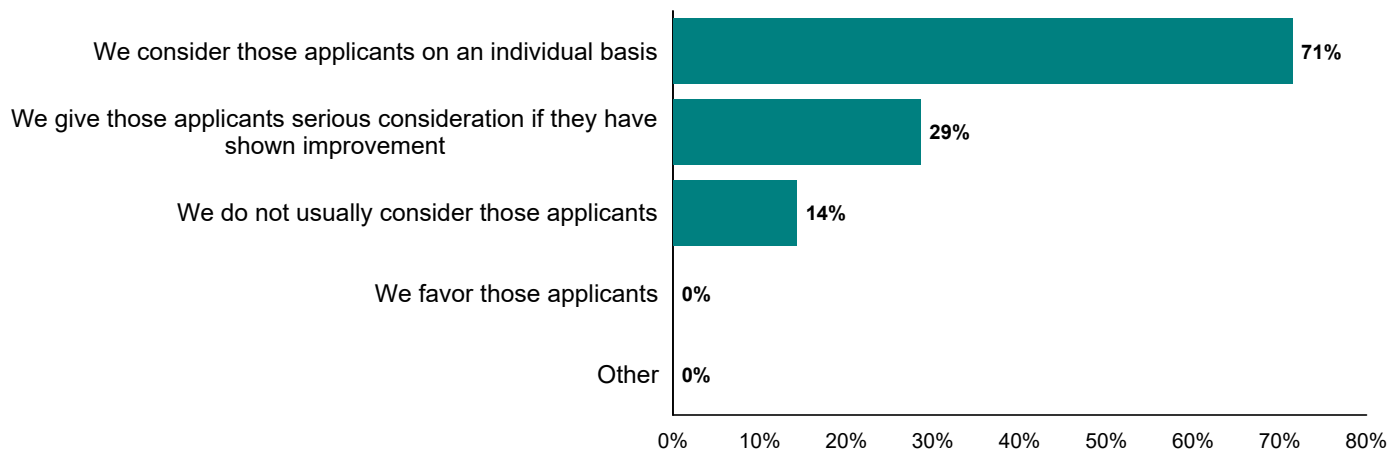
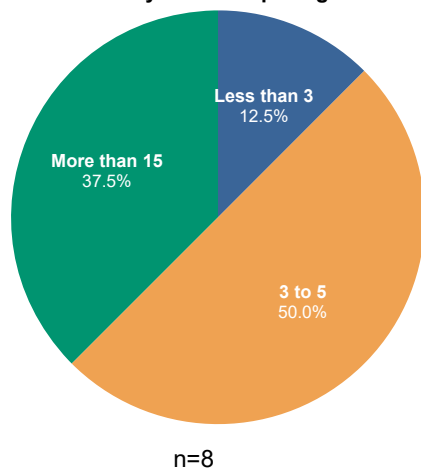


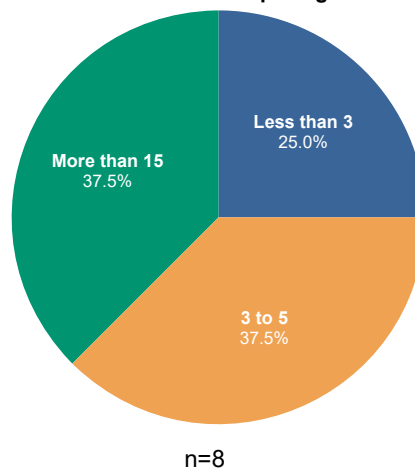
Figure-11

**Gynecologic Oncology
Years as Program Director**

At Any Fellowship Program



At Current Fellowship Program





Hand Surgery

2016 Survey

Number of responses	34
Response rate	43.0%

Match Information*

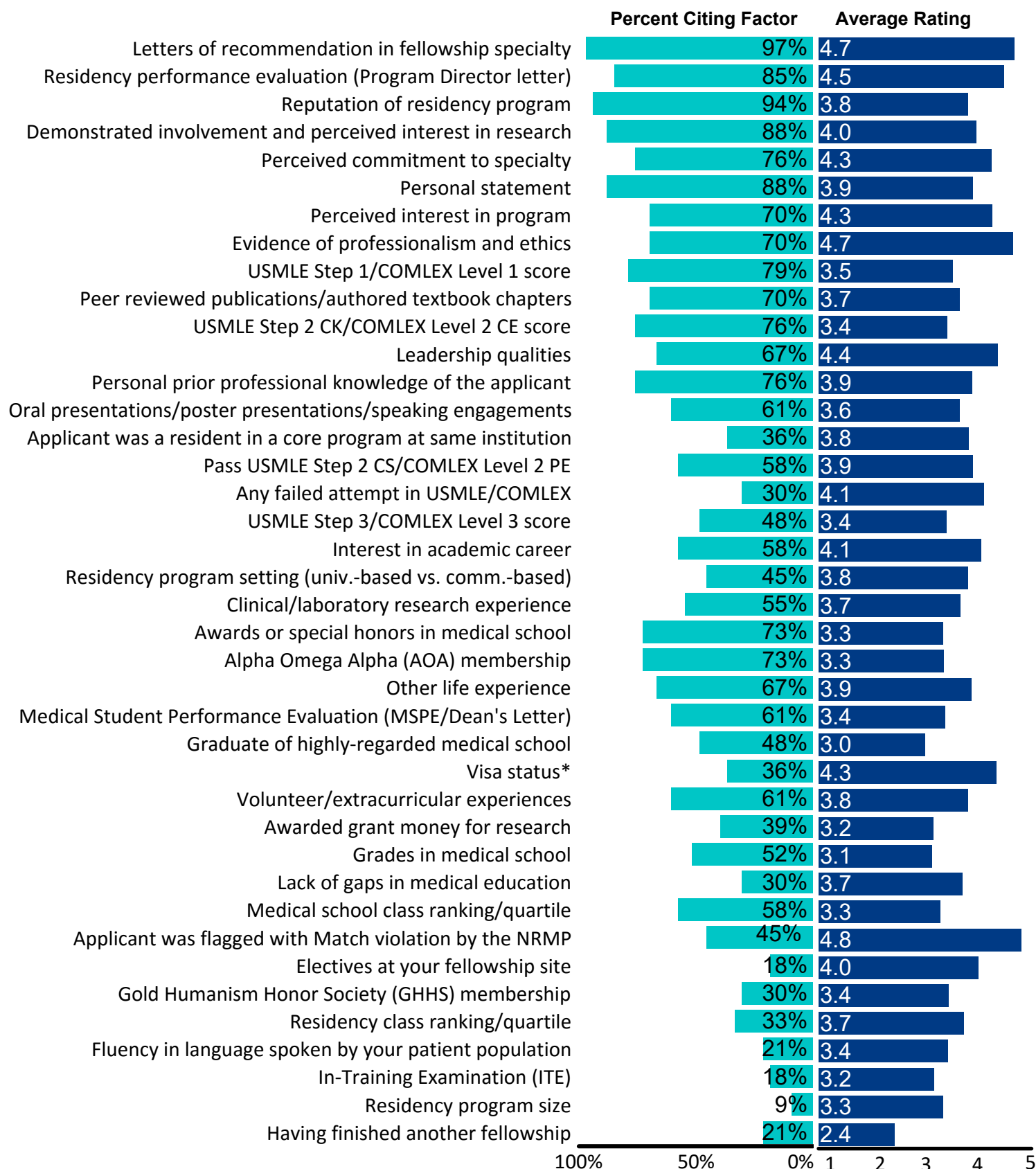
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	82	83	80
Number of positions in the Match	168	166	160
Number of applicants ranking specialty	199	173	205

* Source: NRMP Data Warehouse

Figure-1

Hand Surgery

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=33)



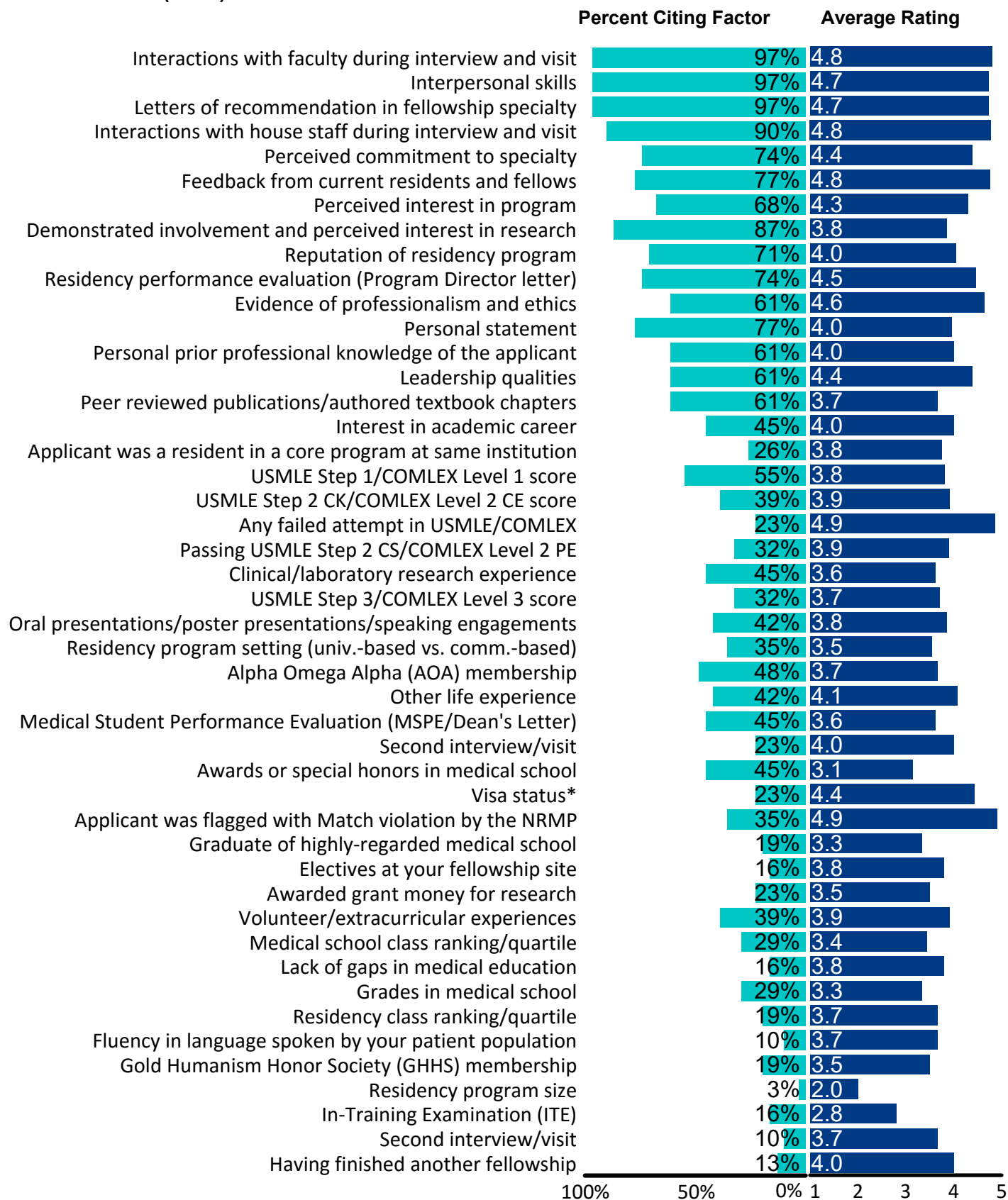
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Hand Surgery

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=33)



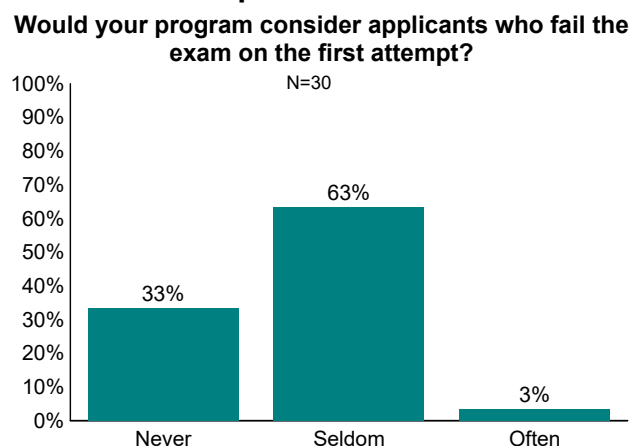
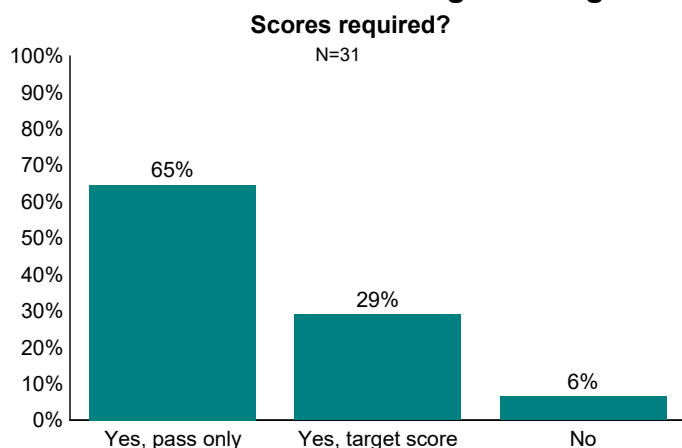
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

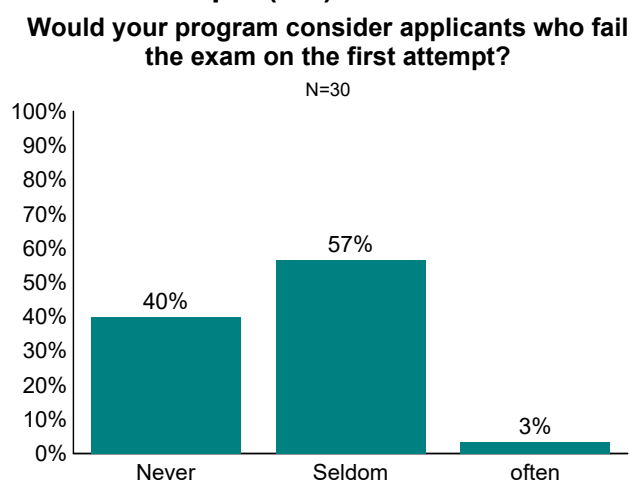
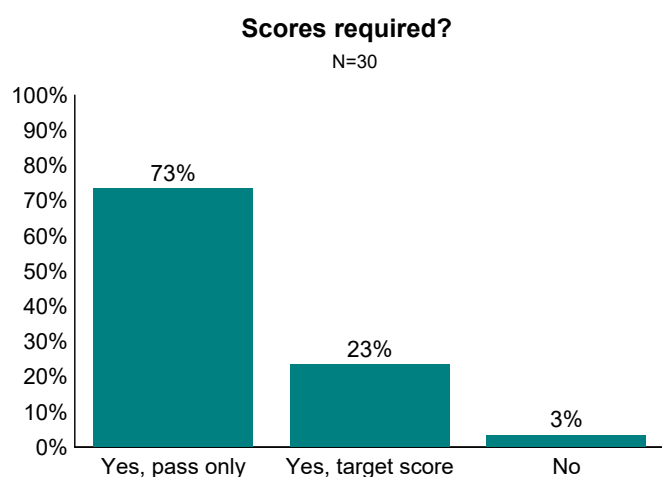
Figure-3

**Hand Surgery
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

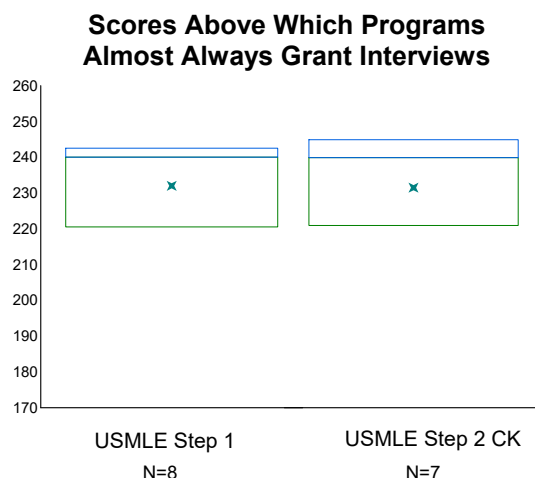
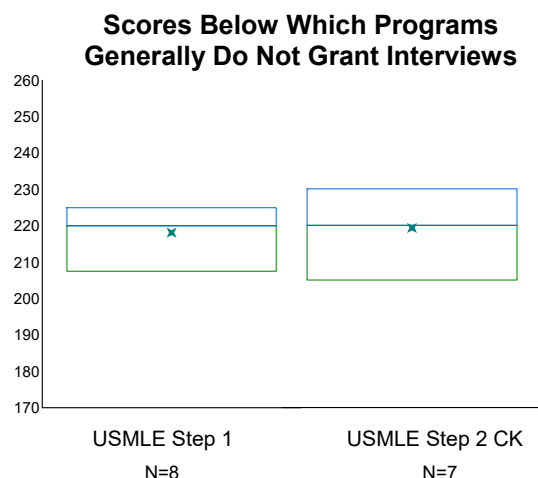
Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**



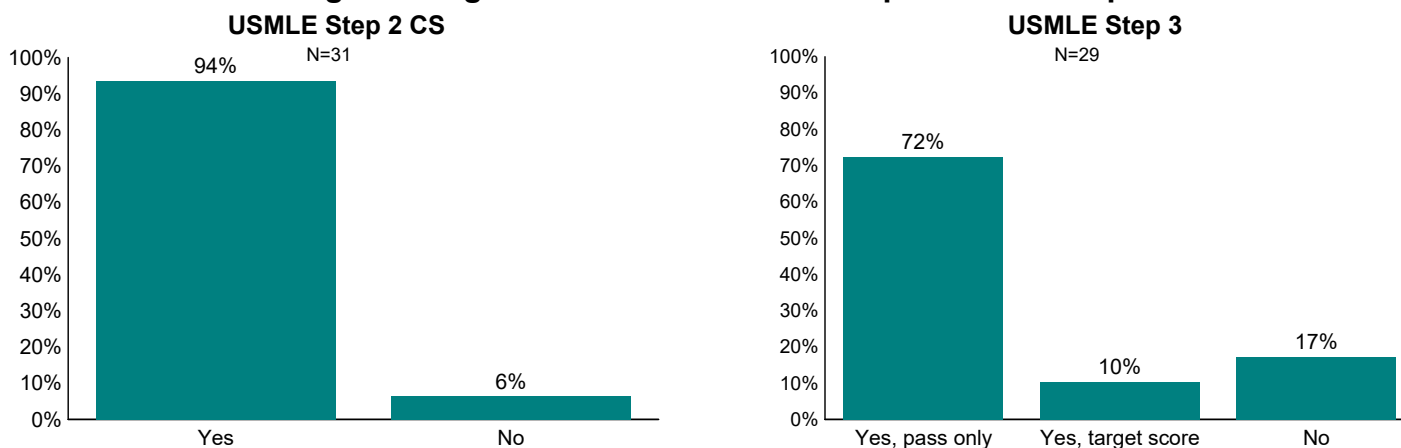
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

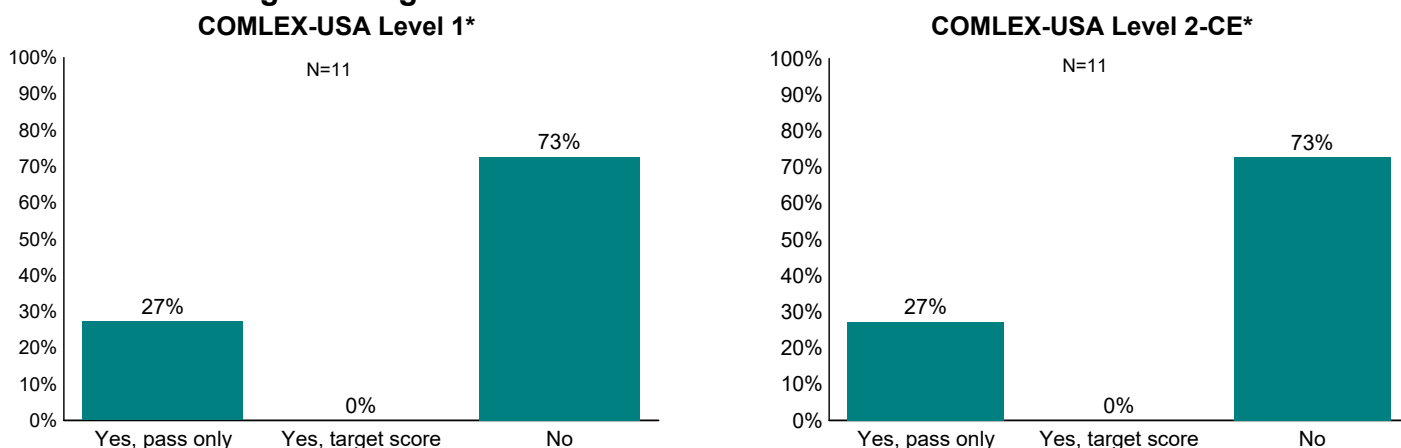
Hand Surgery

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

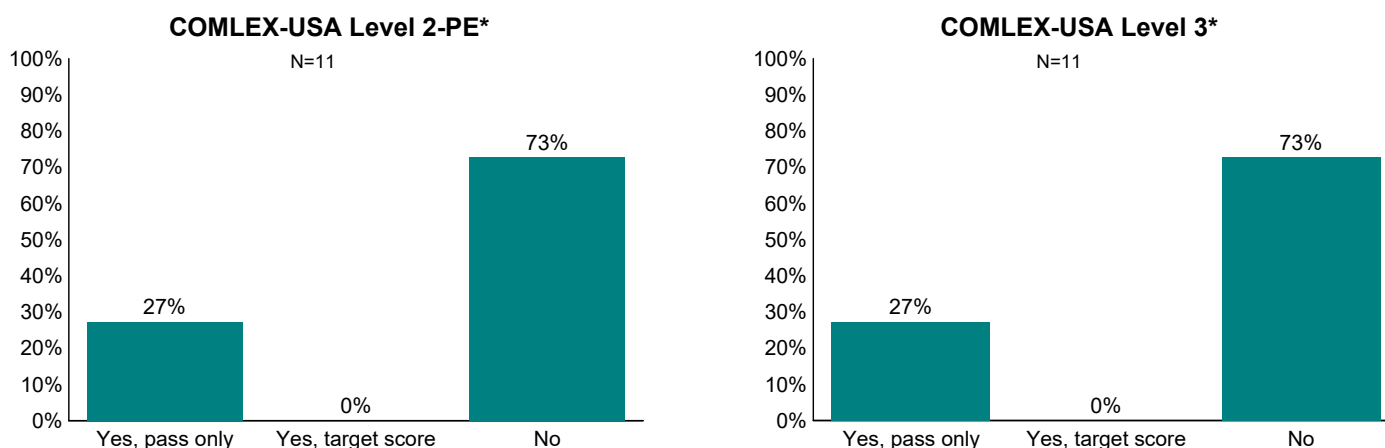
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Hand Surgery Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

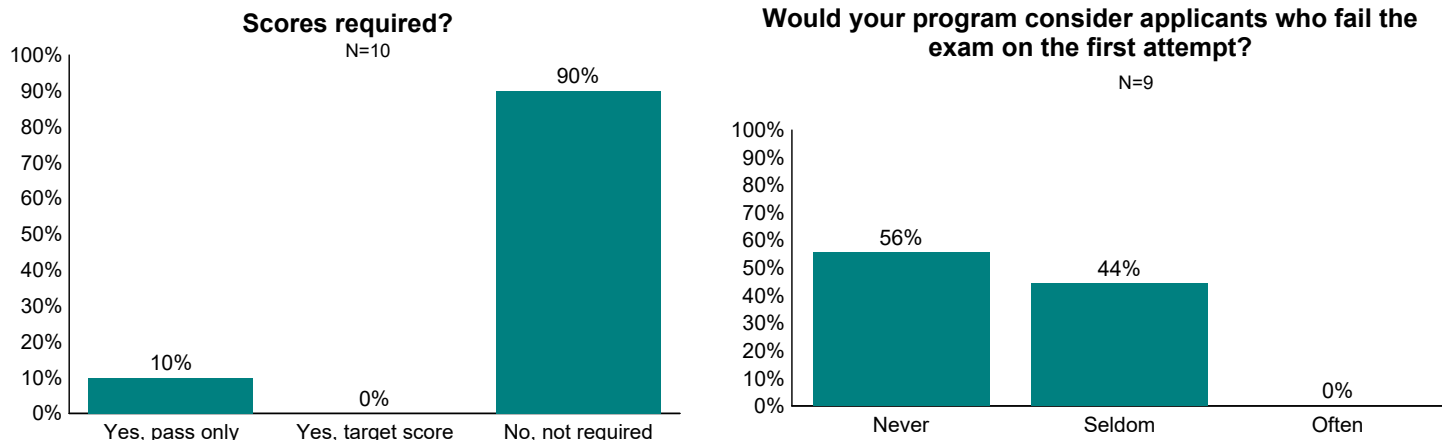


Figure-6

Hand Surgery Programs Positions

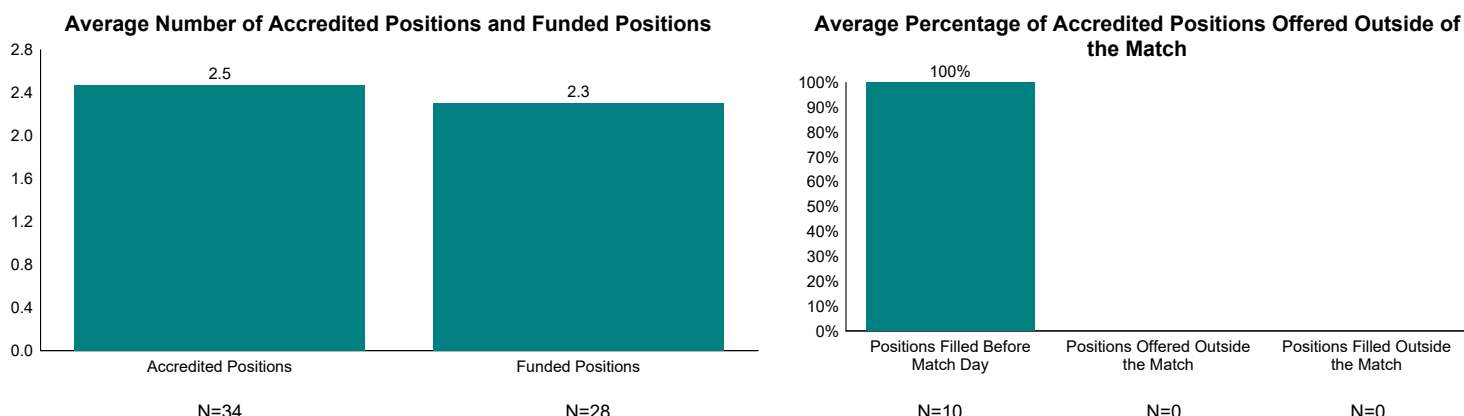
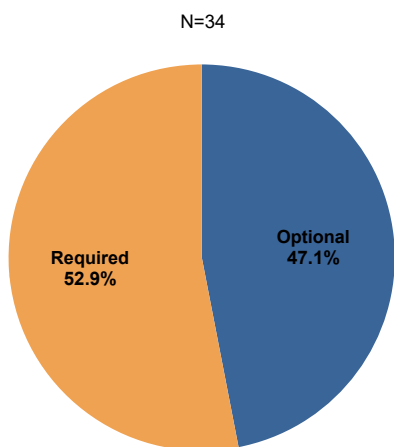


Figure-7

Hand Surgery Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

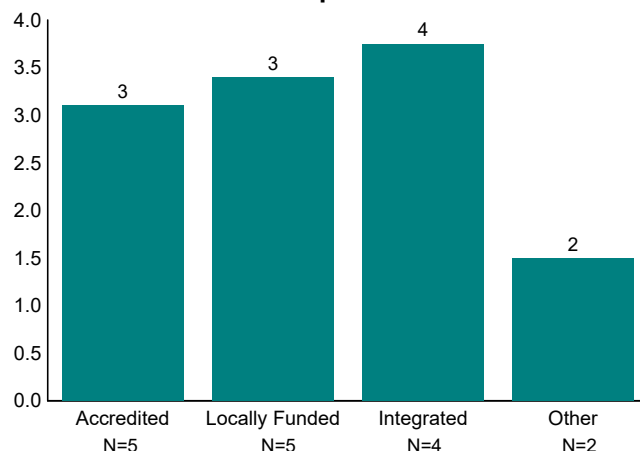
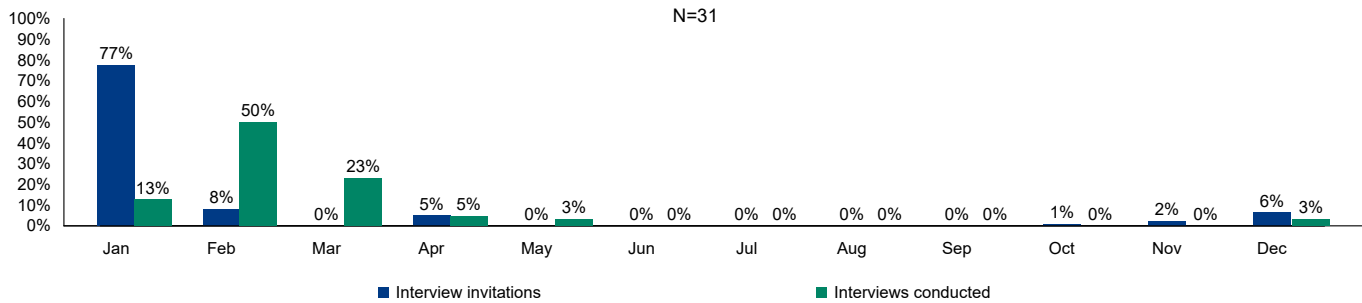


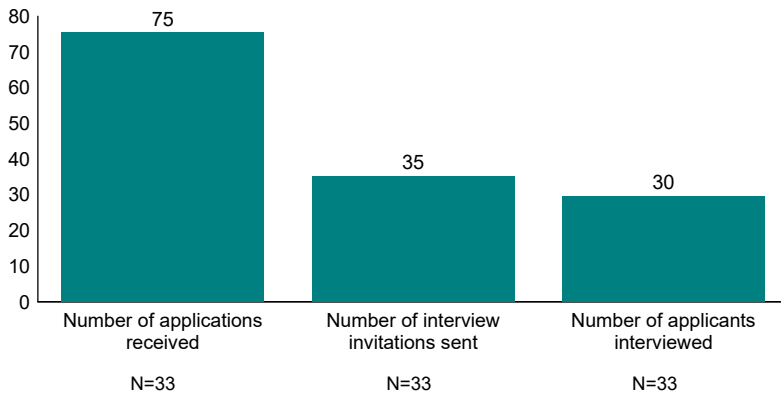
Figure-8

Hand Surgery Program's Interview Activities

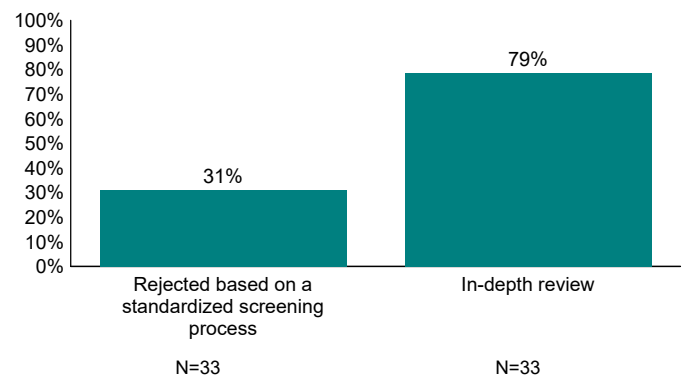
Interview Invitations Sent and Interviews Conducted



Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked

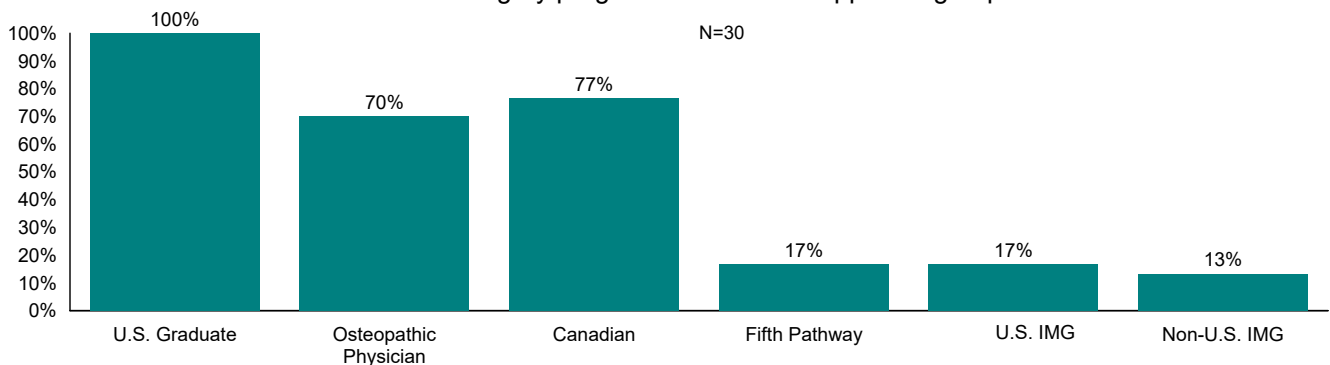


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

7% of Hand Surgery programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

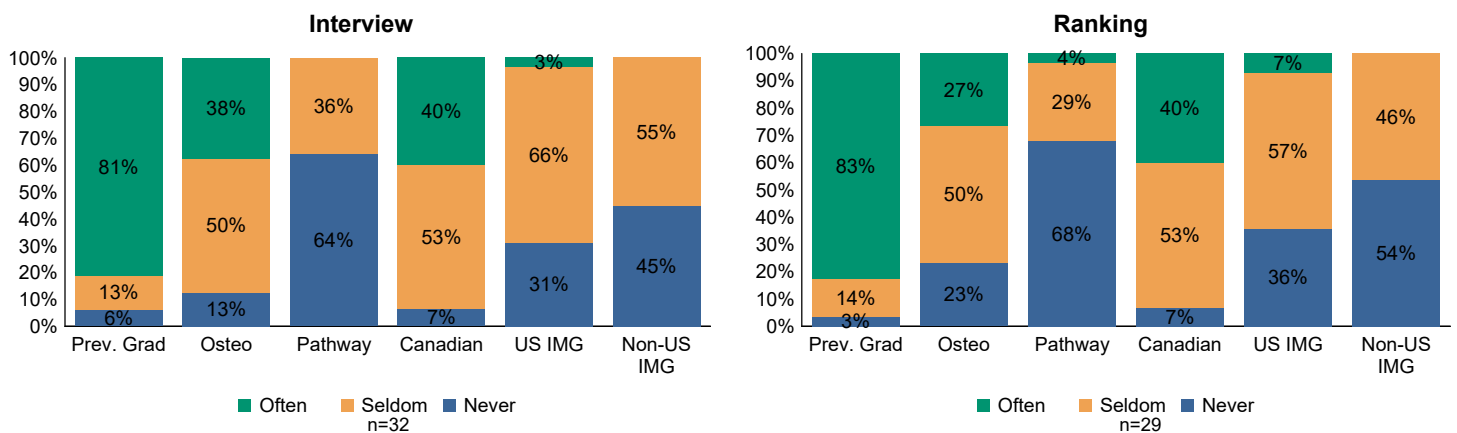


Figure-9

Hand Surgery Potential Challenges in Recruiting Applicants to Your Specialty

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=31

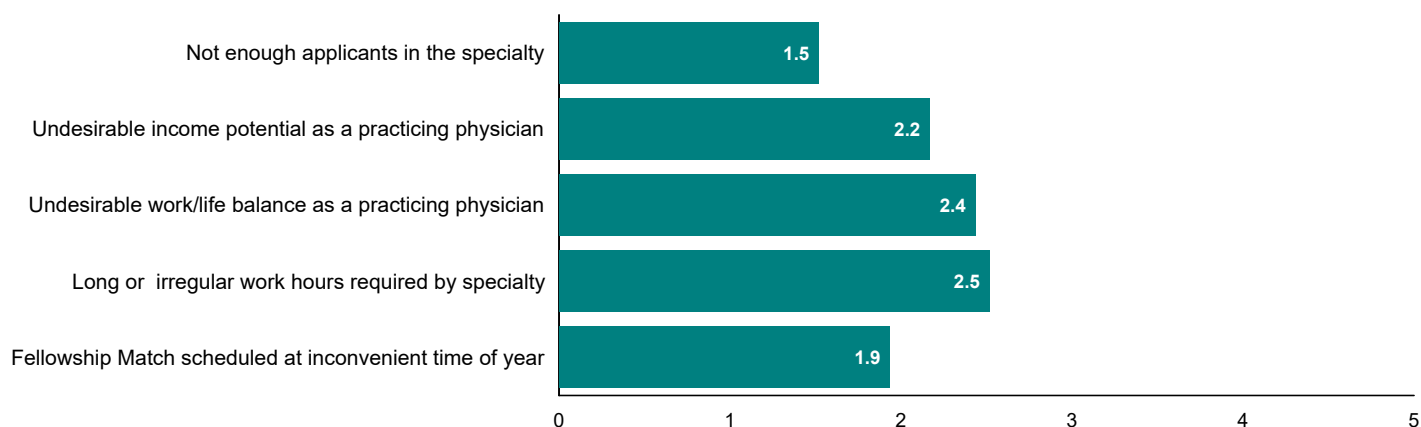


Figure-10

Hand Surgery Applicants Who Applied in the Specialty in the Past But Did Not Match

n=30

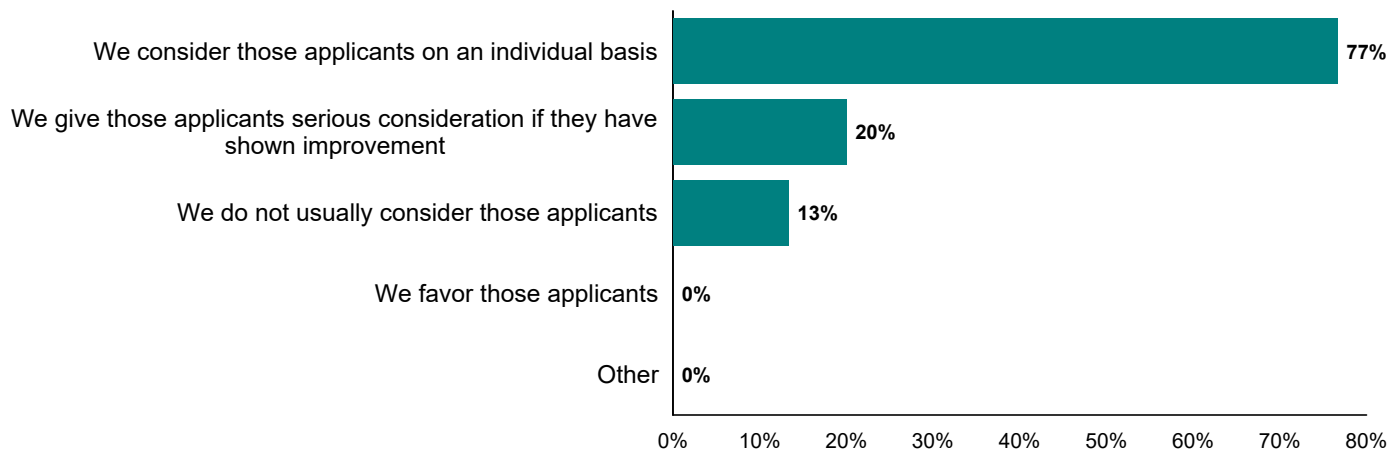
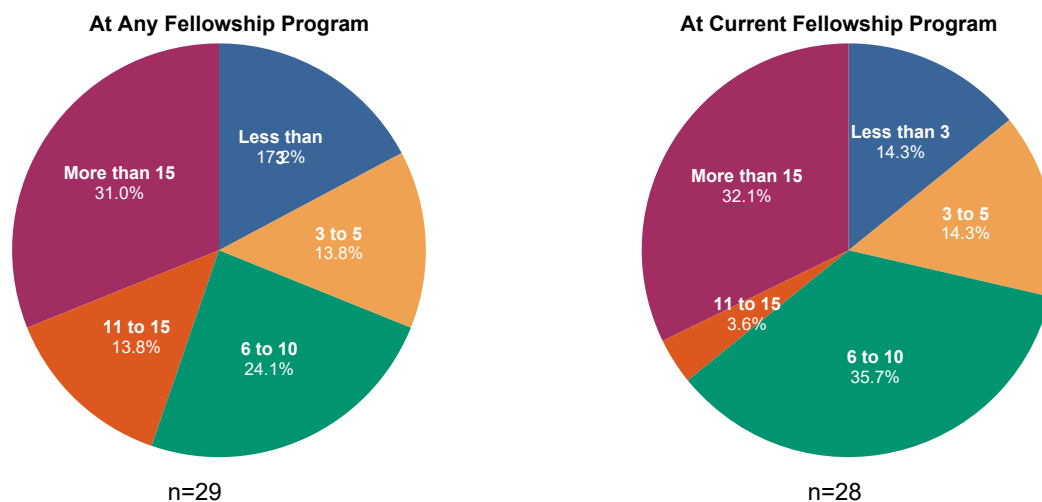


Figure-11

Hand Surgery Years as Program Director





Hematology and Oncology

2016 Survey

Number of responses	48
Response rate	36.9%

Match Information*

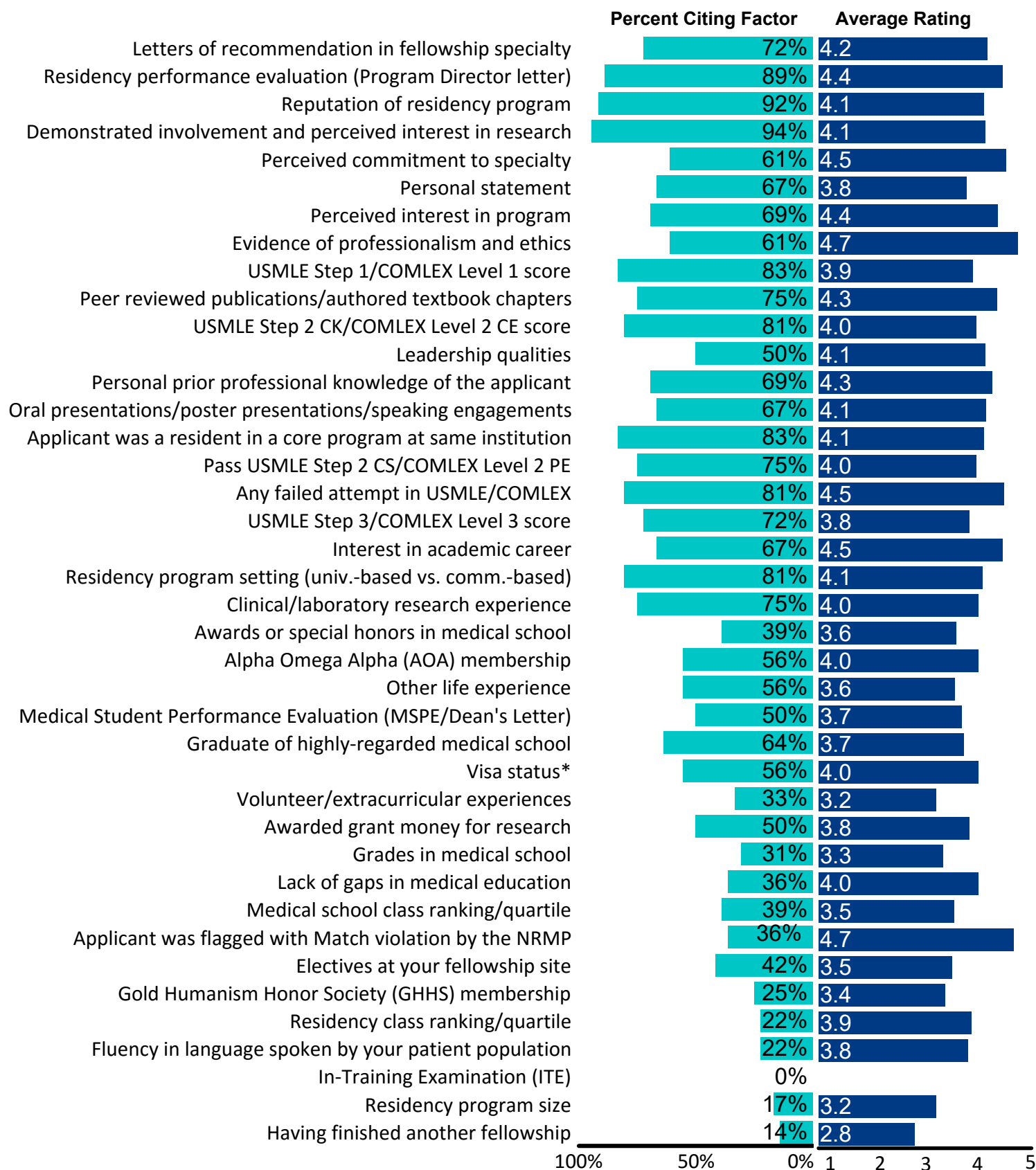
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	131	134	130
Number of positions in the Match	521	521	517
Number of applicants ranking specialty	693	725	689

* Source: NRMP Data Warehouse

Figure-1

Hematology and Oncology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=36)



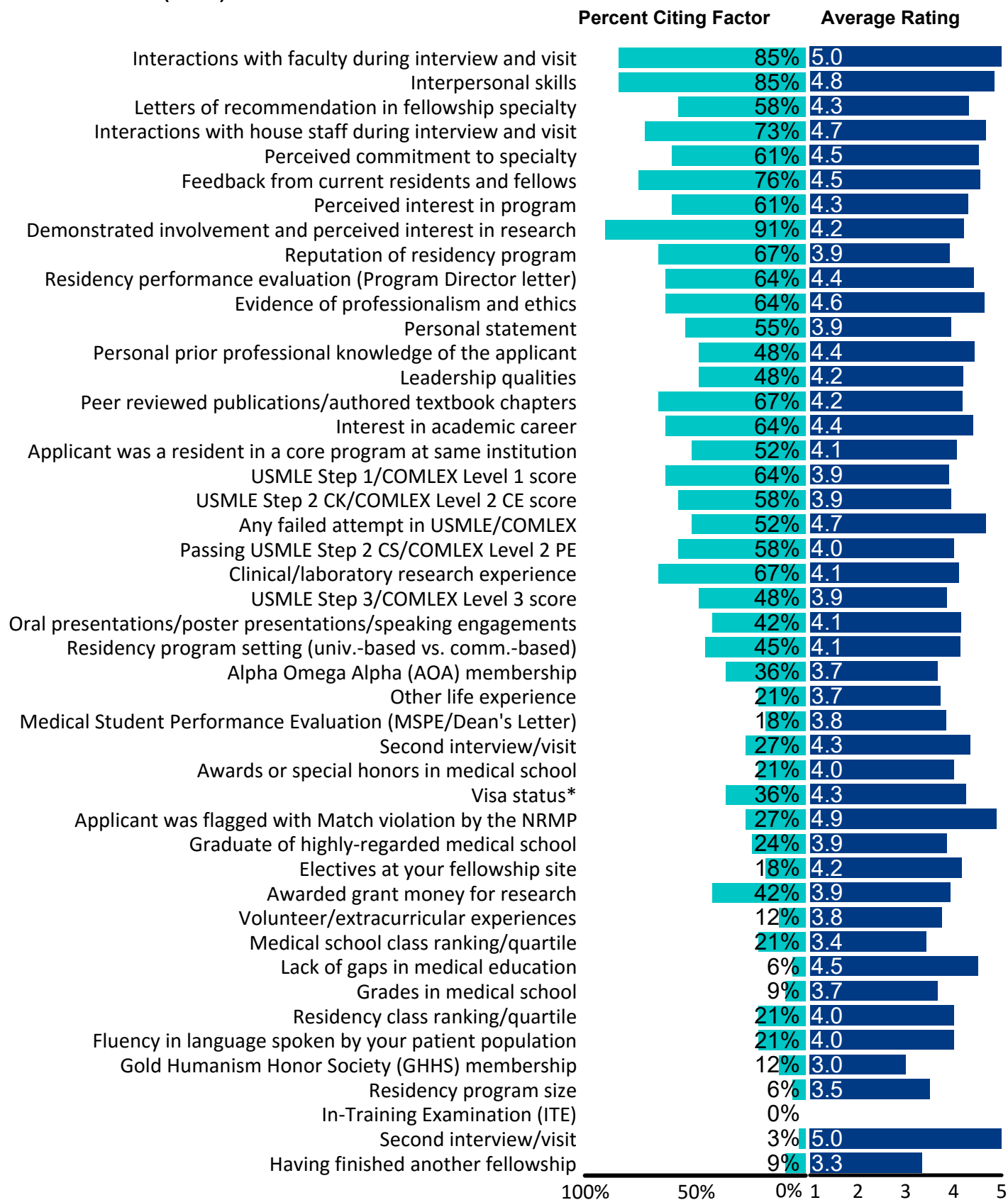
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Hematology and Oncology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=36)



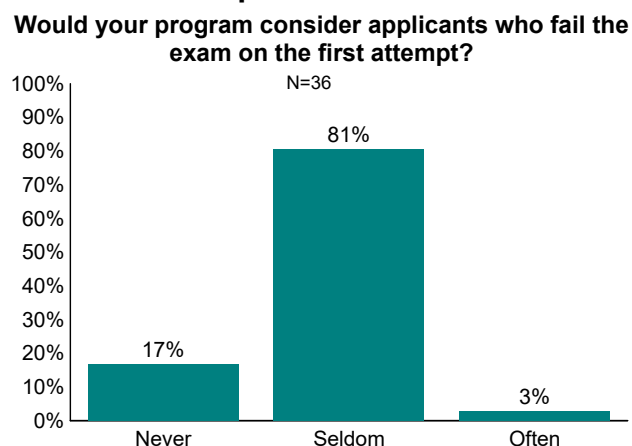
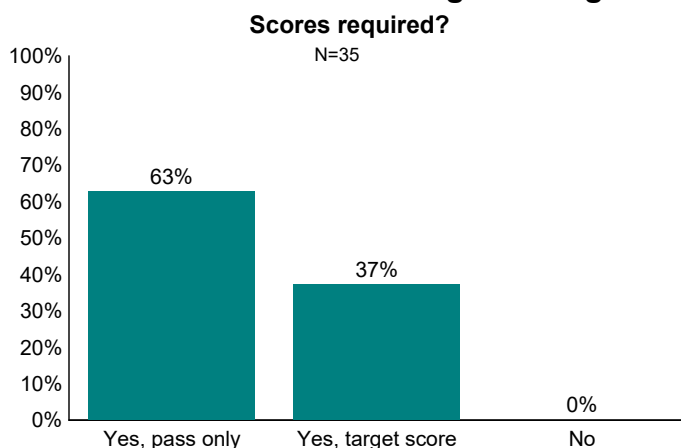
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

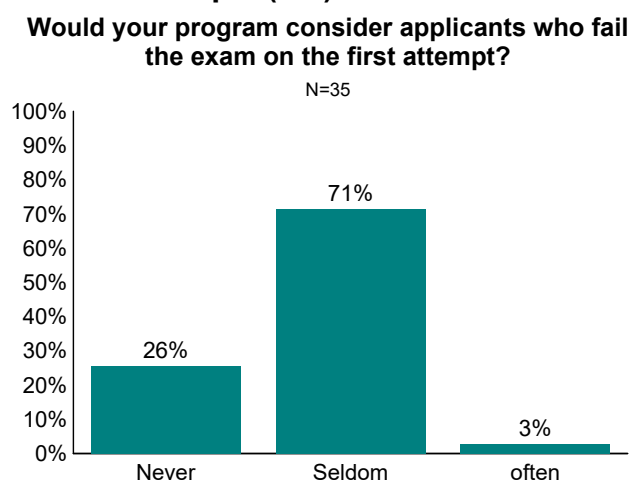
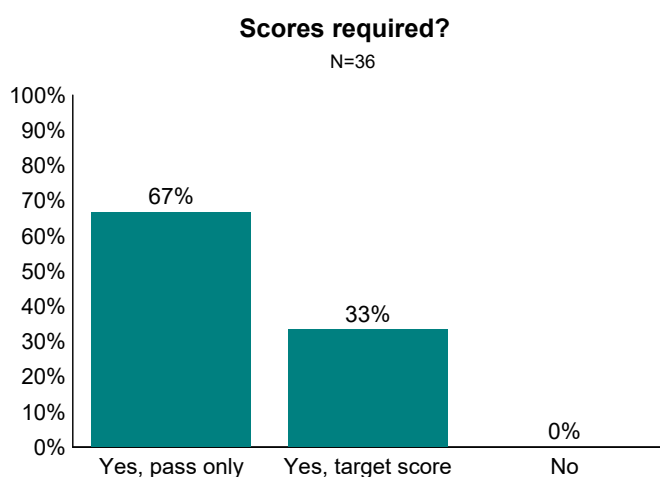
Figure-3

**Hematology and Oncology
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

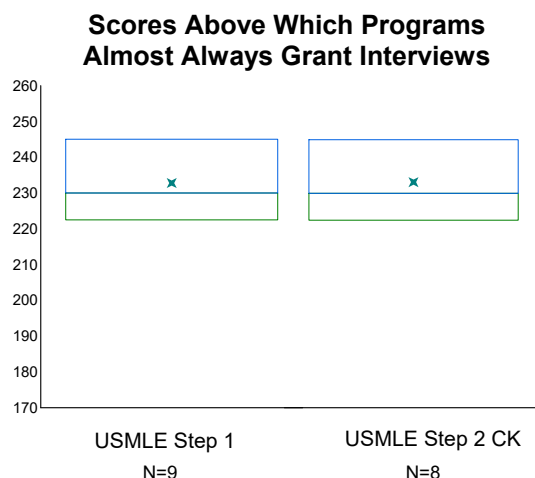
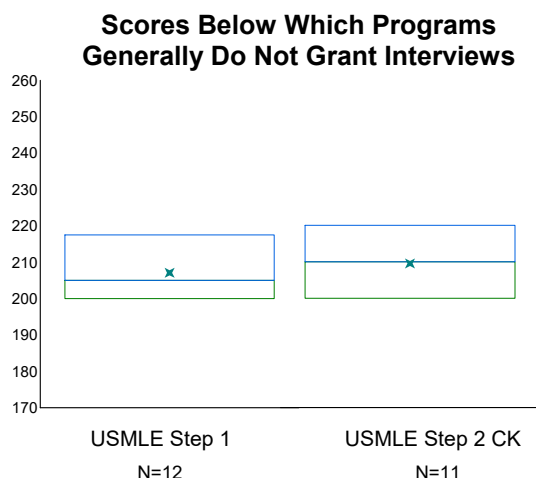
Percentage of Programs That Use USMLE Step 1 Score



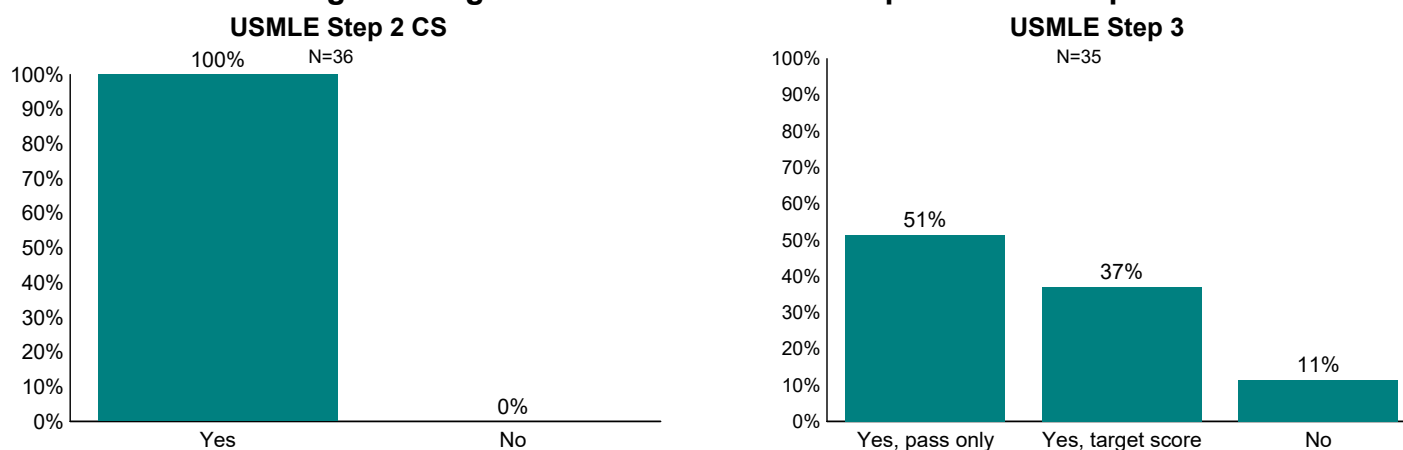
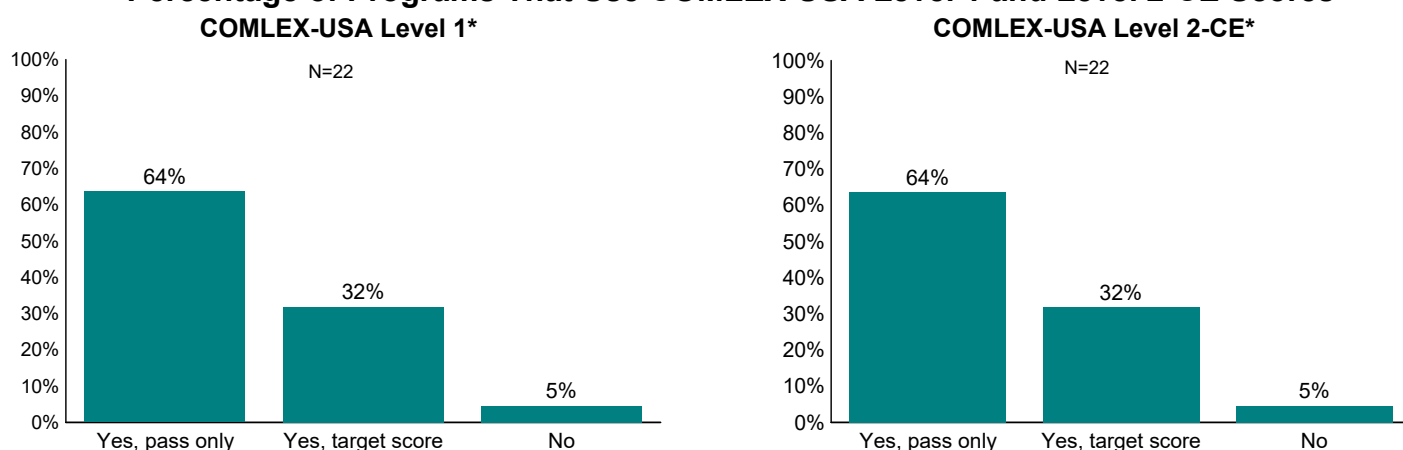
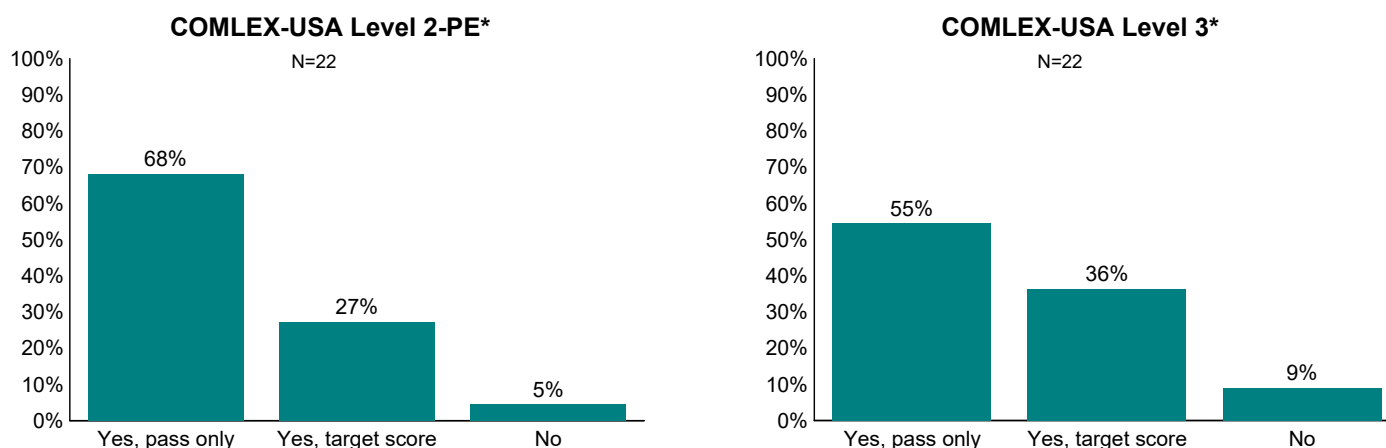
Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**



*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4**Hematology and Oncology****Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview****Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores****Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores****Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores**

* Osteopathic applicants only

Figure-5

Hematology and Oncology Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

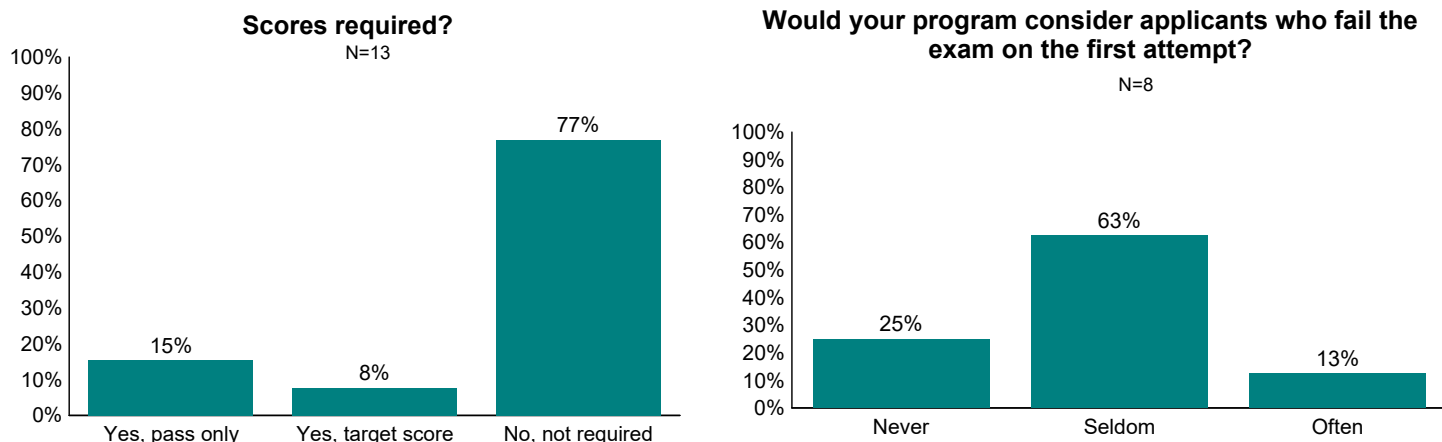


Figure-6

Hematology and Oncology Programs Positions

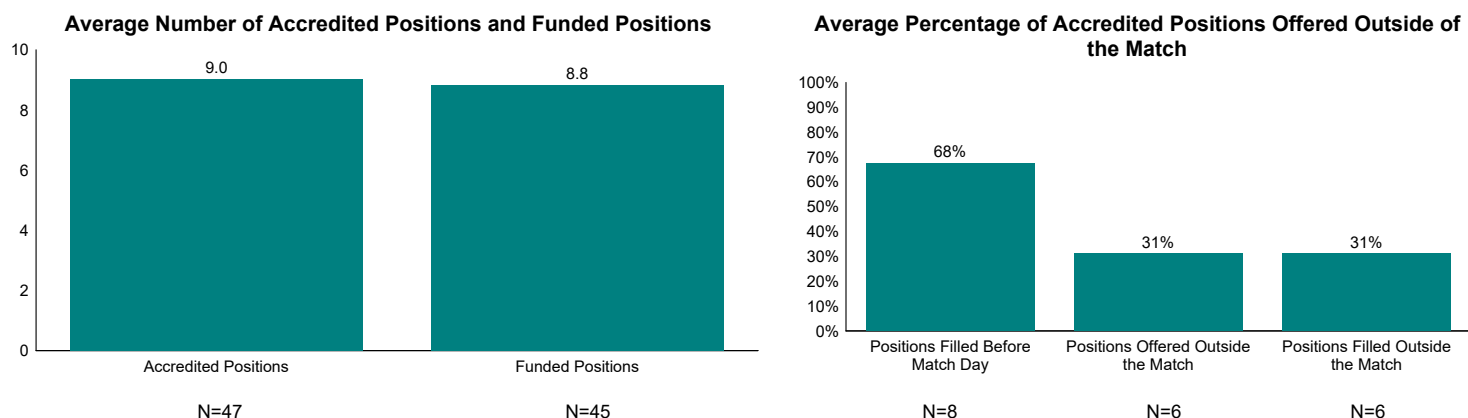
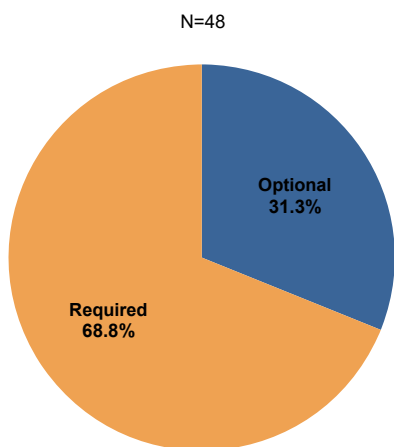


Figure-7

Hematology and Oncology Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

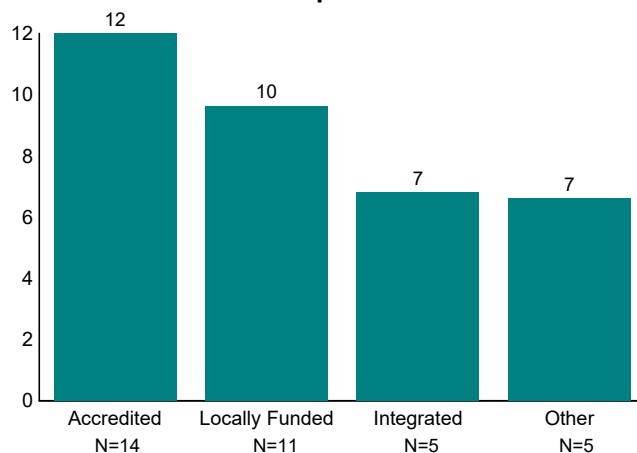
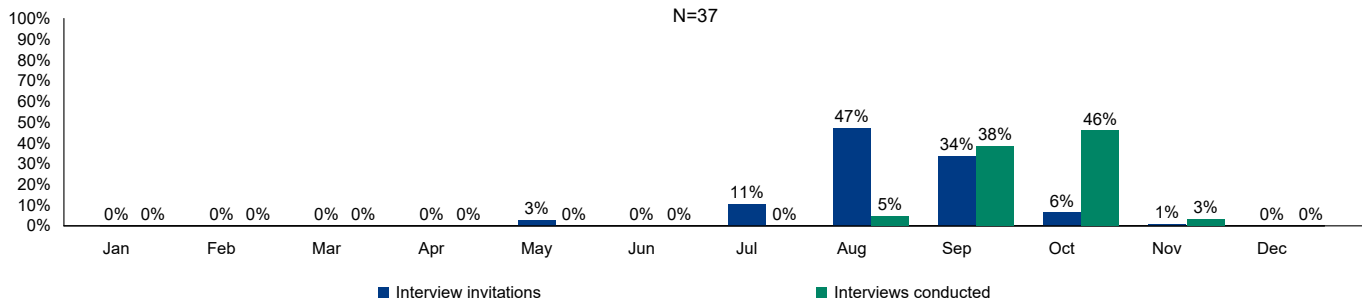


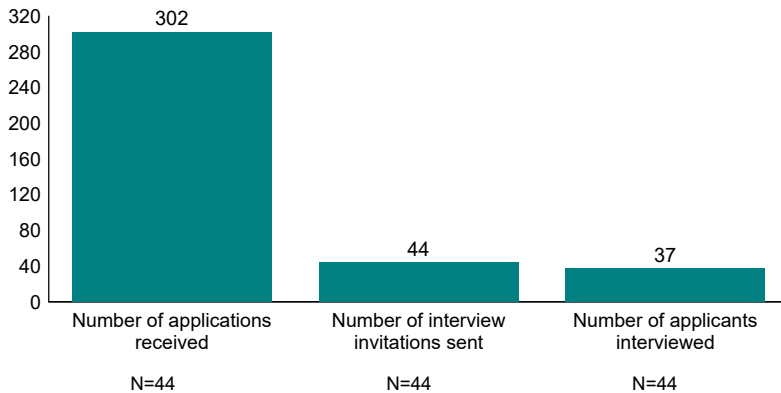
Figure-8

Hematology and Oncology Program's Interview Activities

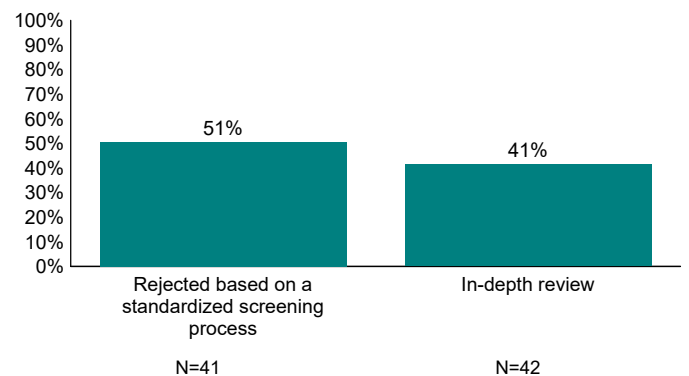
Interview Invitations Sent and Interviews Conducted



Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked

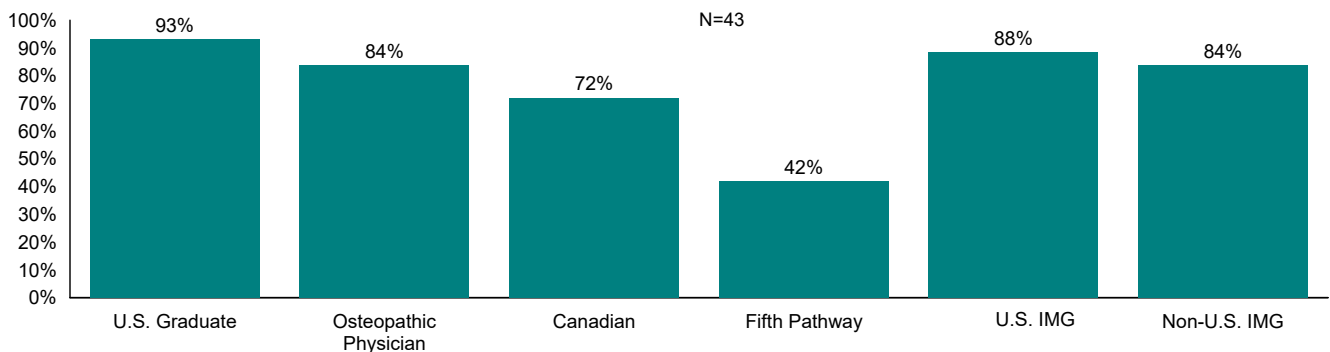


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

40% of Hematology and Oncology programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

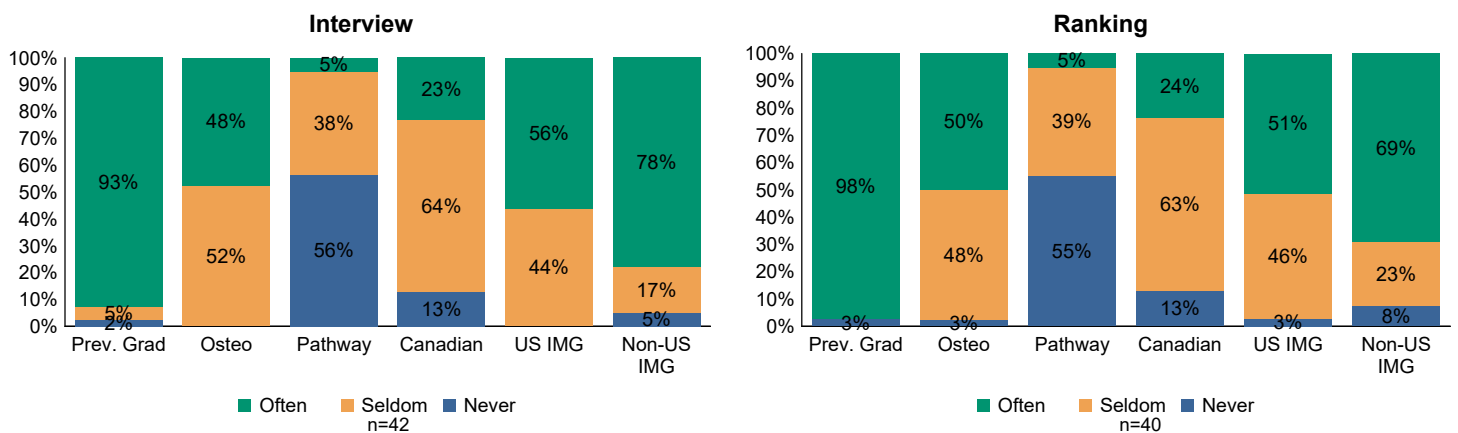


Figure-9

Hematology and Oncology Potential Challenges in Recruiting Applicants to Your Specialty

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=31

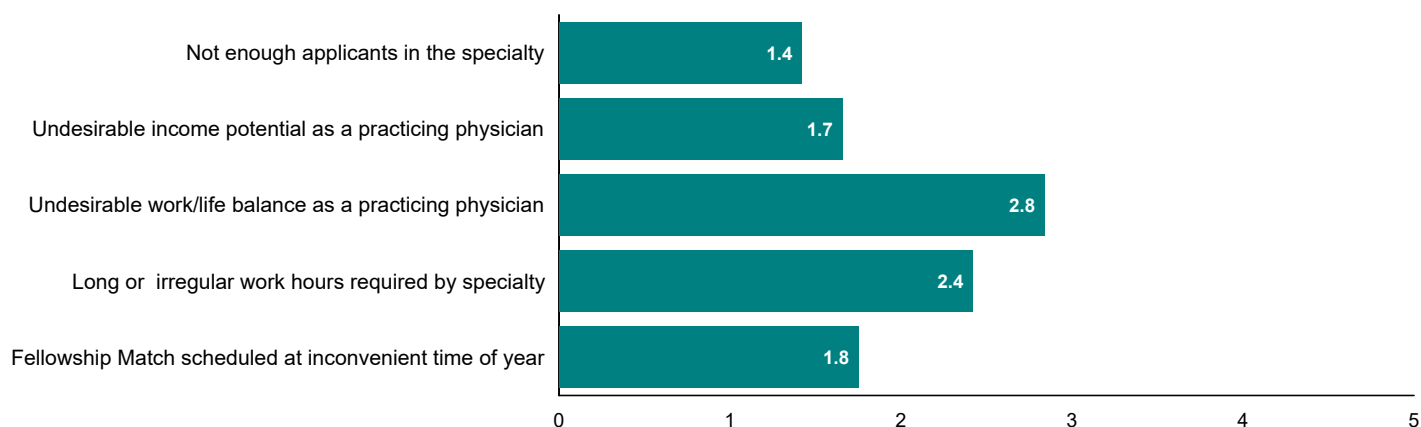


Figure-10

Hematology and Oncology Applicants Who Applied in the Specialty in the Past But Did Not Match

n=31

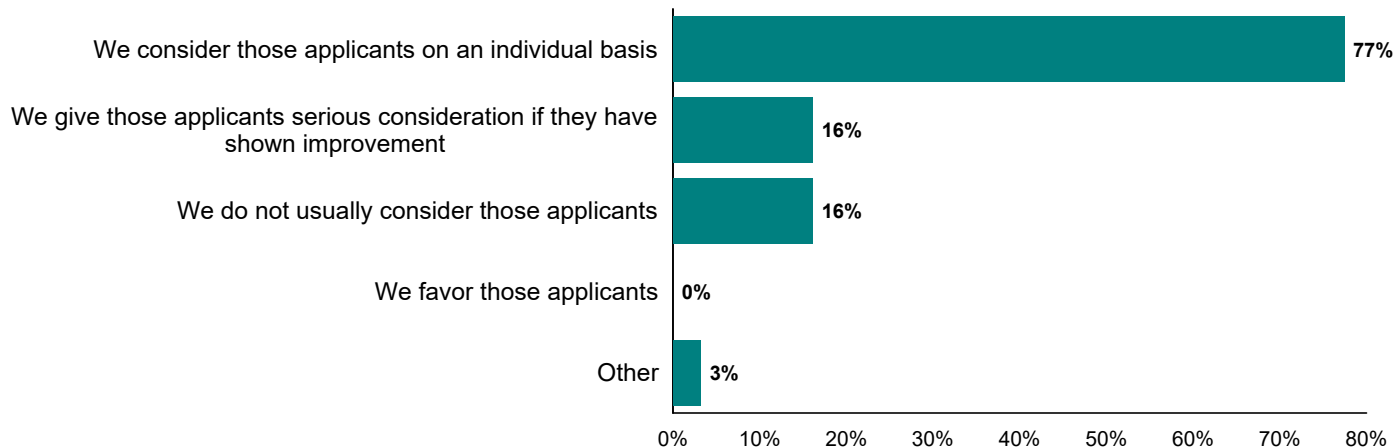
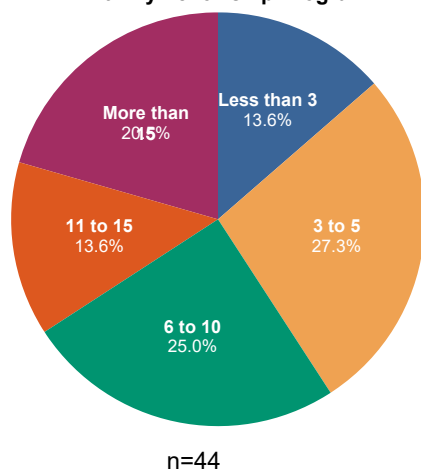


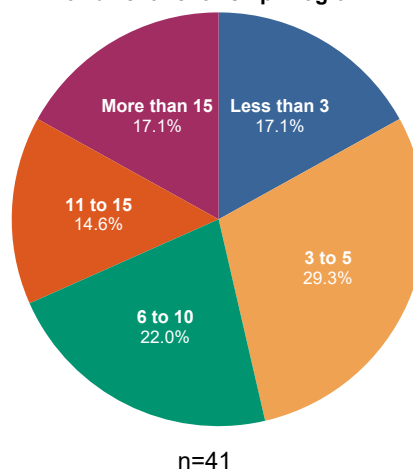
Figure-11

Hematology and Oncology Years as Program Director

At Any Fellowship Program



At Current Fellowship Program





Hospice and Palliative Medicine

2016 Survey

Number of responses	42
Response rate	39.6%

Match Information*

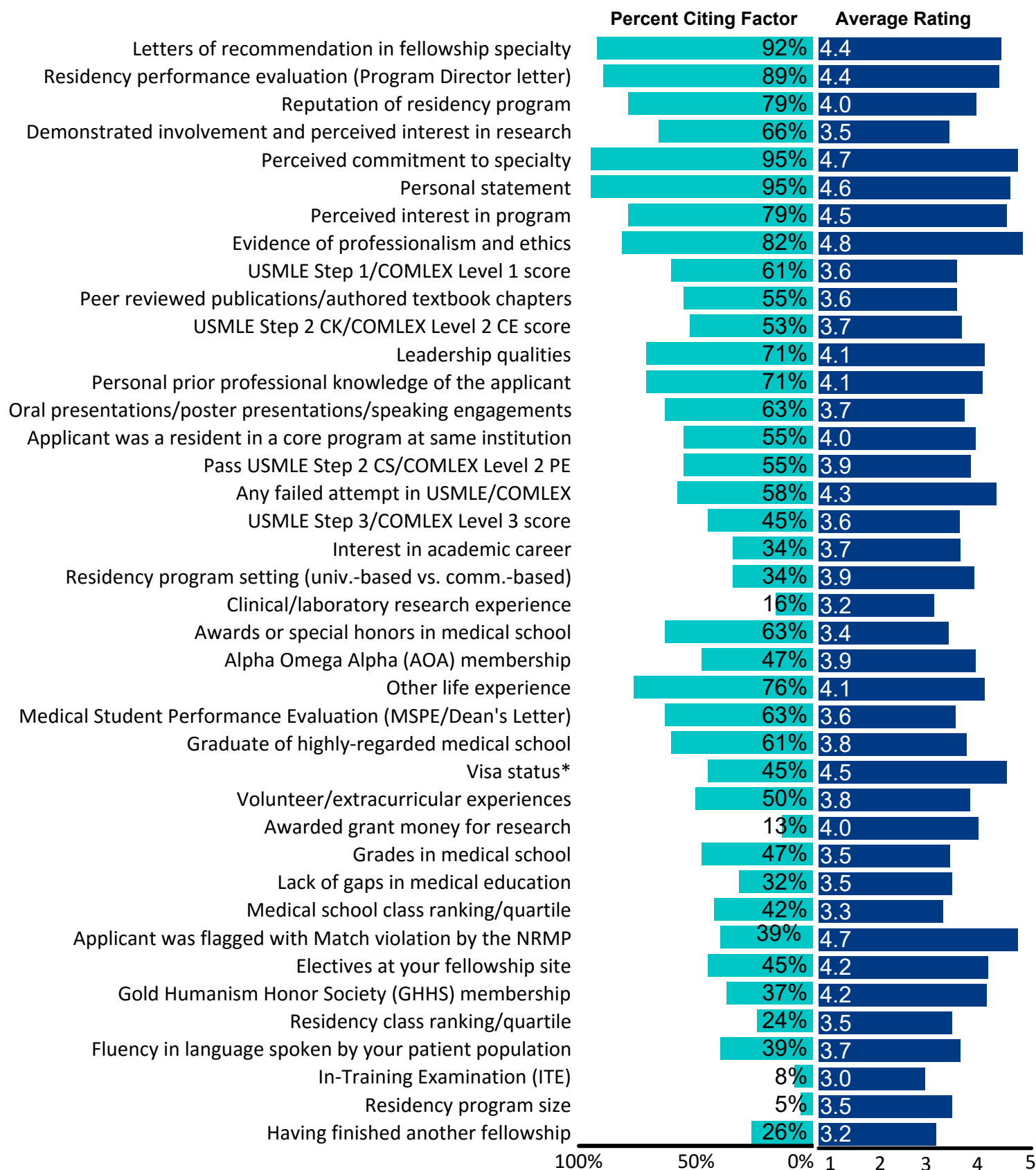
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	122		
Number of positions in the Match	280		
Number of applicants ranking specialty	259		

* Source: NRMP Data Warehouse

Figure-1

Hospice and Palliative Medicine

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=38)



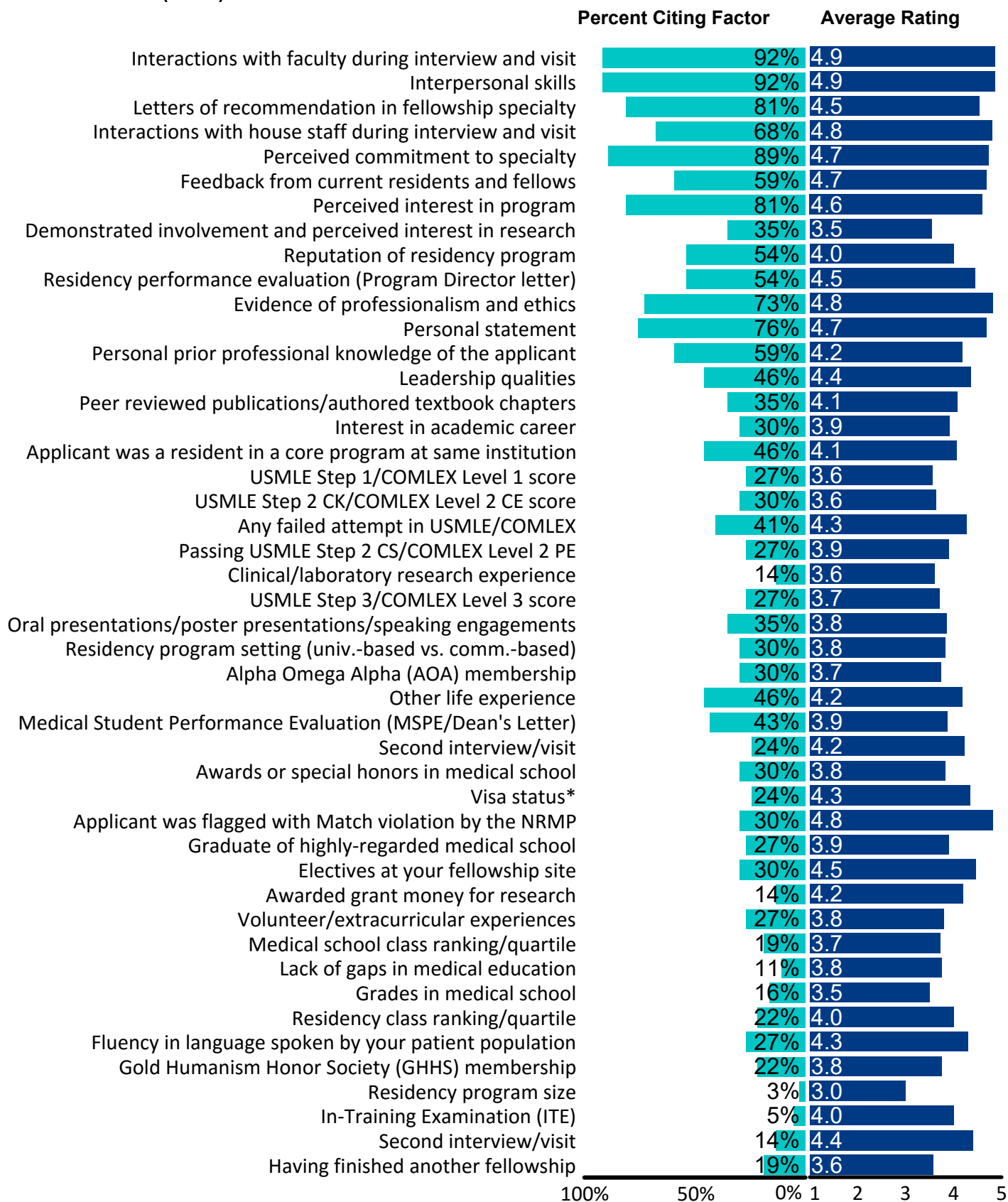
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Hospice and Palliative Medicine

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=38)



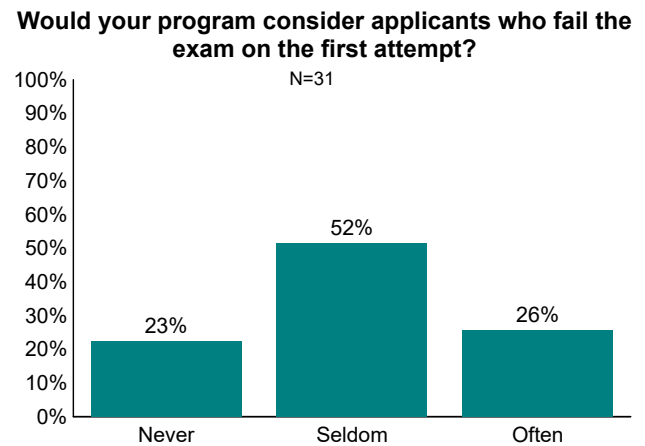
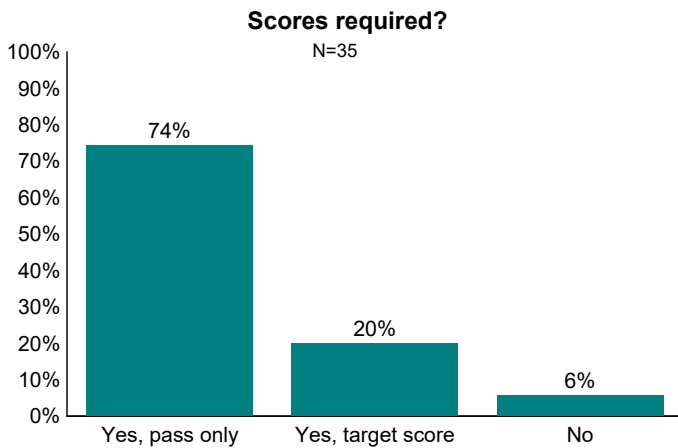
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

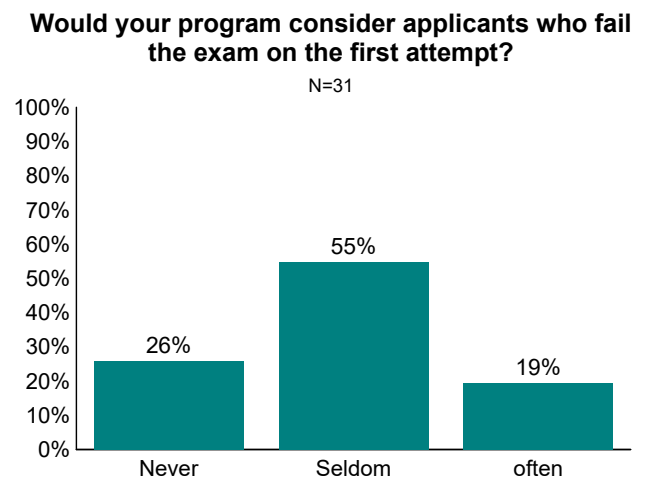
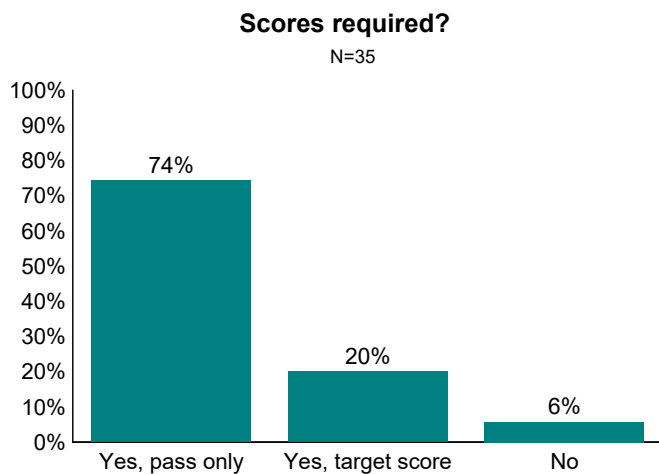
Figure-3

Hospice and Palliative Medicine Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When Considering Which Applicants to Interview

Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs Consider When Granting Interviews

Scores Below Which Programs Generally Do Not Grant Interviews

USMLE Step 1 not reported because of low response rate

USMLE Step 2 CK not reported because of low response rate

Scores Above Which Programs Almost Always Grant Interviews

USMLE Step 1 not reported because of low response rate

USMLE Step 2 CK not reported because of low response rate

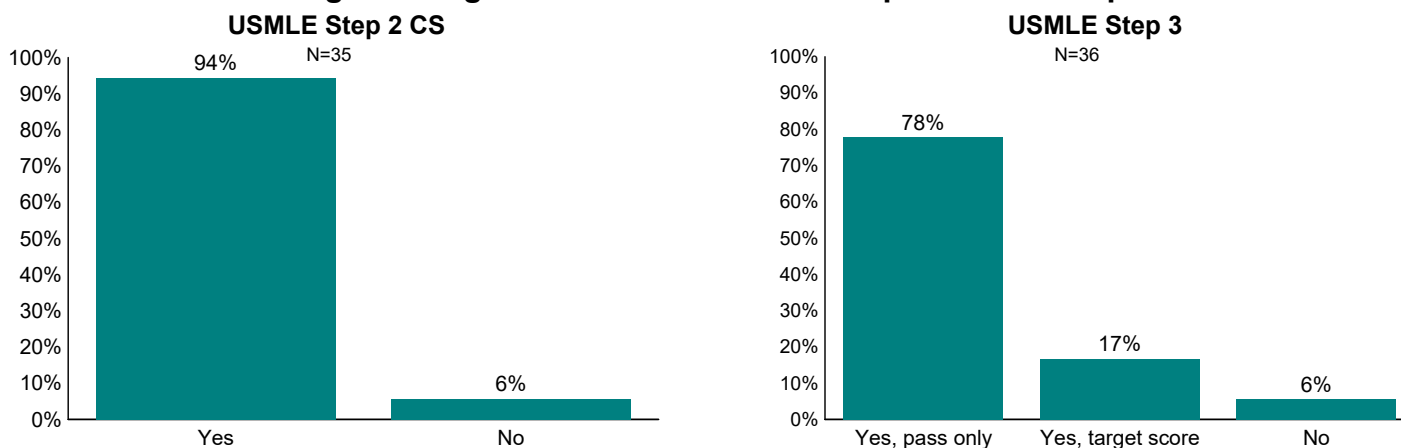
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

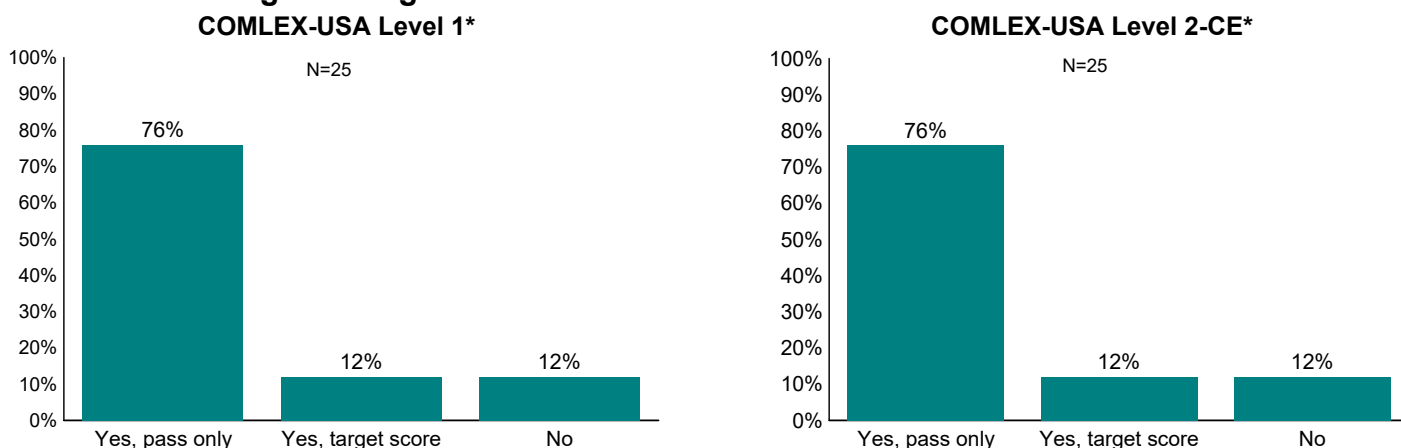
Hospice and Palliative Medicine

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

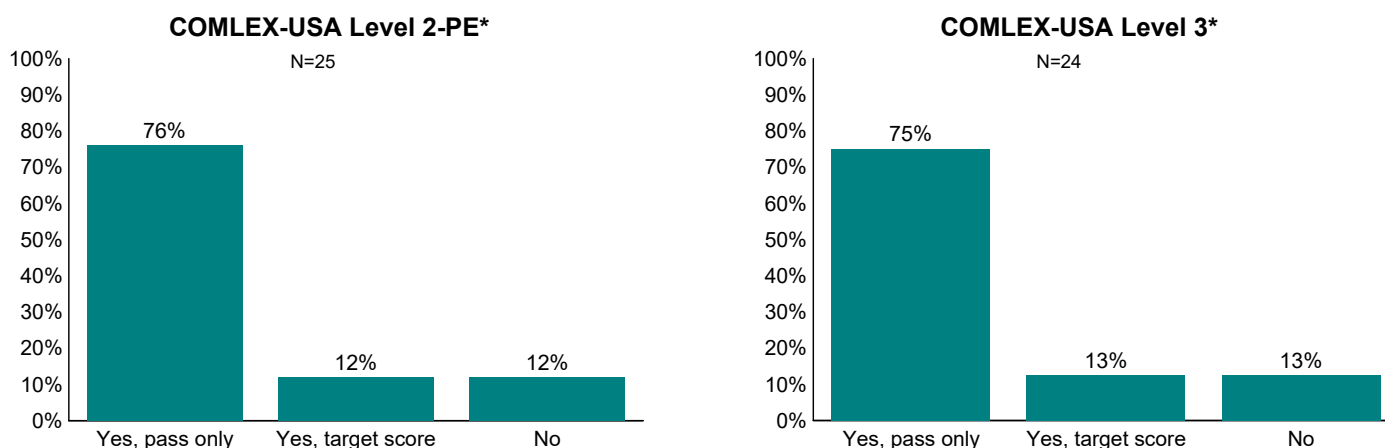
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Hospice and Palliative Medicine Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

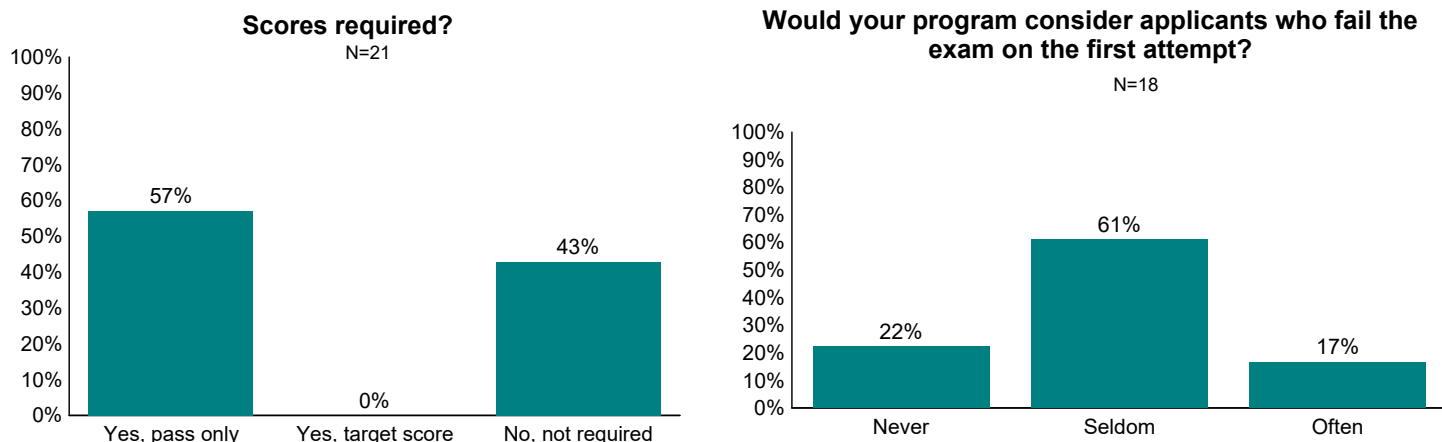


Figure-6

Hospice and Palliative Medicine Programs Positions

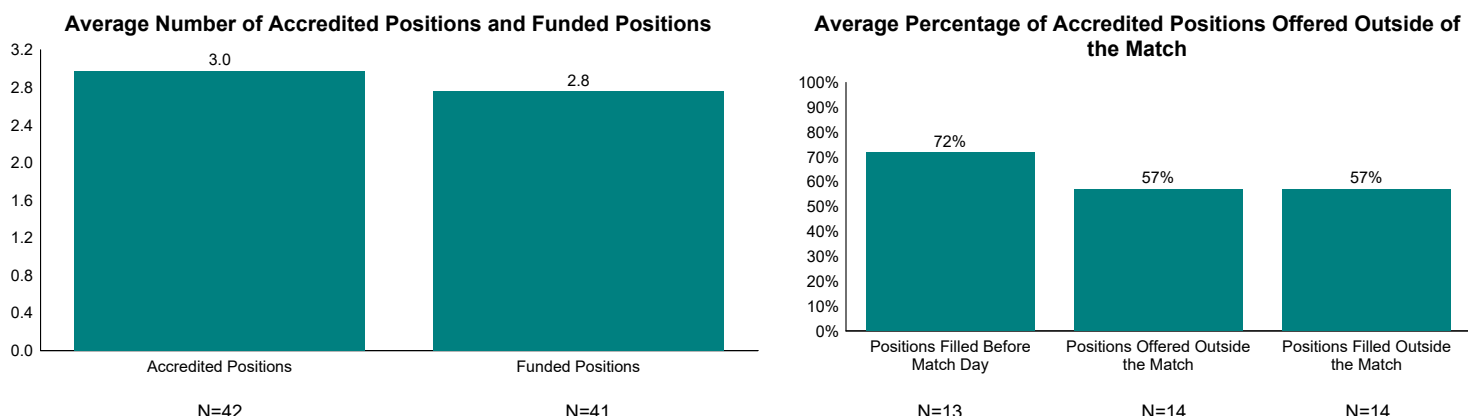
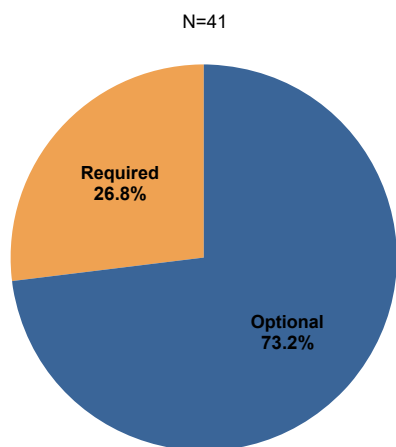


Figure-7

Hospice and Palliative Medicine Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

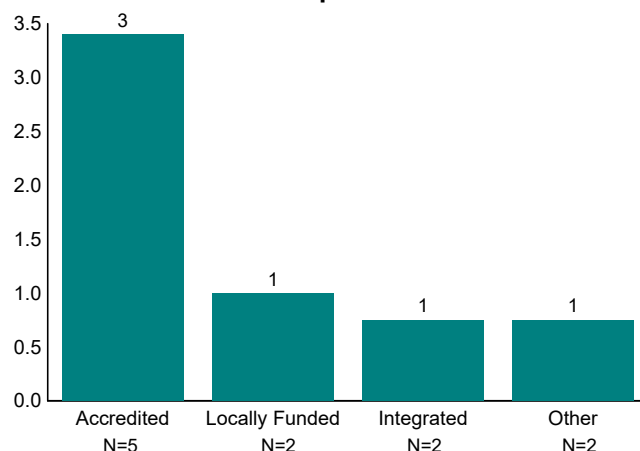
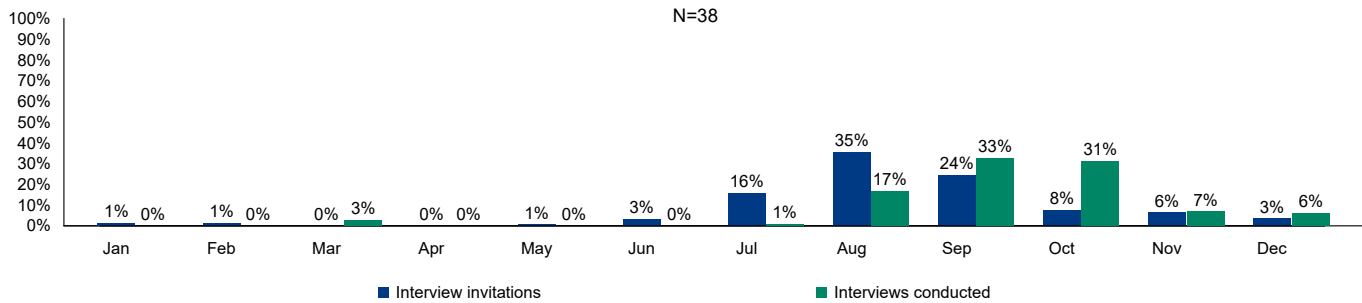


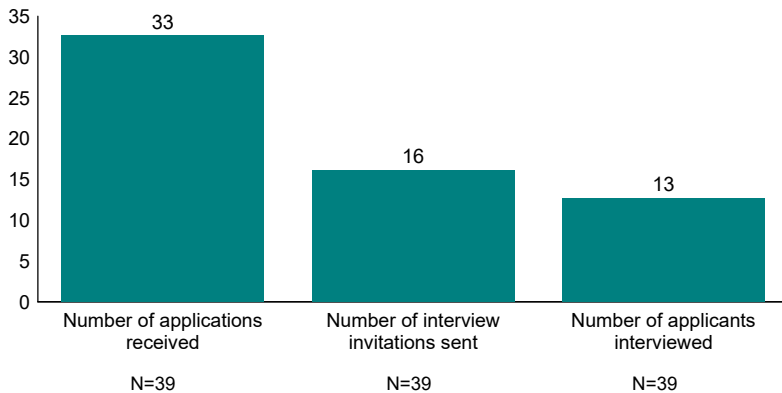
Figure-8

Hospice and Palliative Medicine Program's Interview Activities

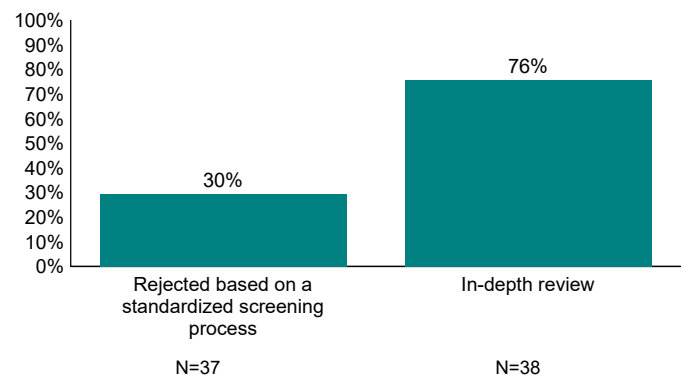
Interview Invitations Sent and Interviews Conducted



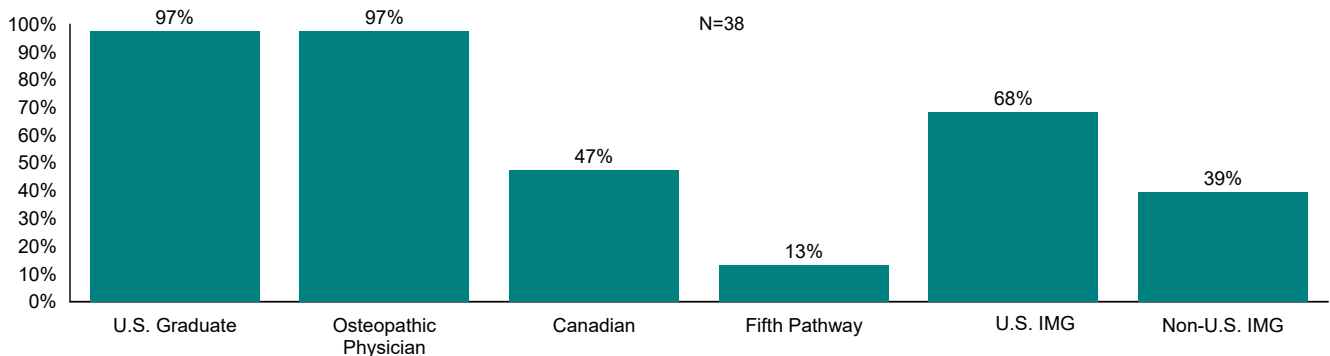
Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked



Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type
11% of Hospice and Palliative Medicine programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

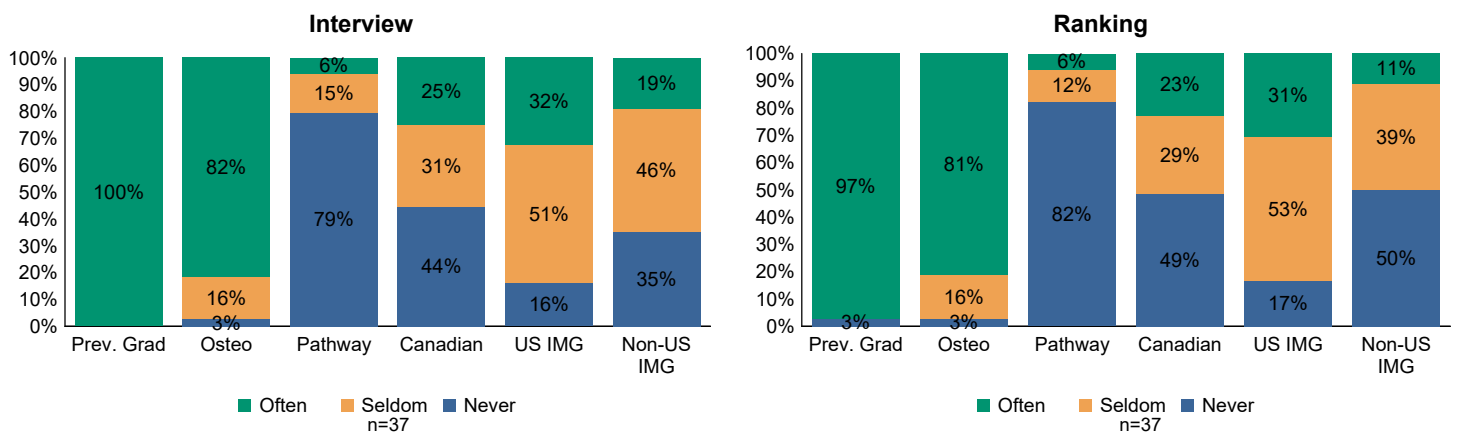


Figure-9

Hospice and Palliative Medicine Potential Challenges in Recruiting Applicants to Your Specialty

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=34

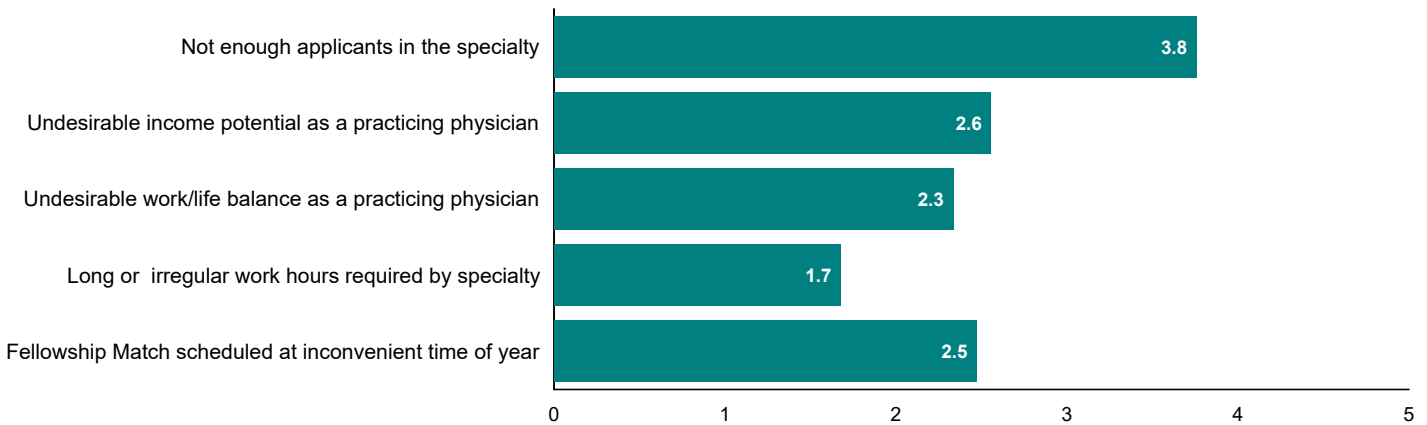


Figure-10

Hospice and Palliative Medicine Applicants Who Applied in the Specialty in the Past But Did Not Match

n=33

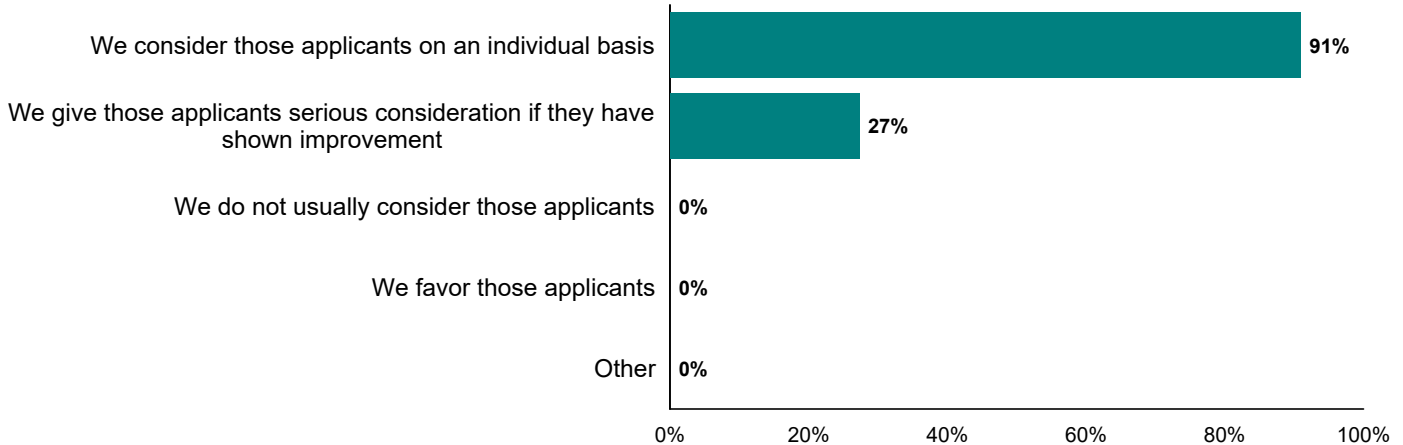
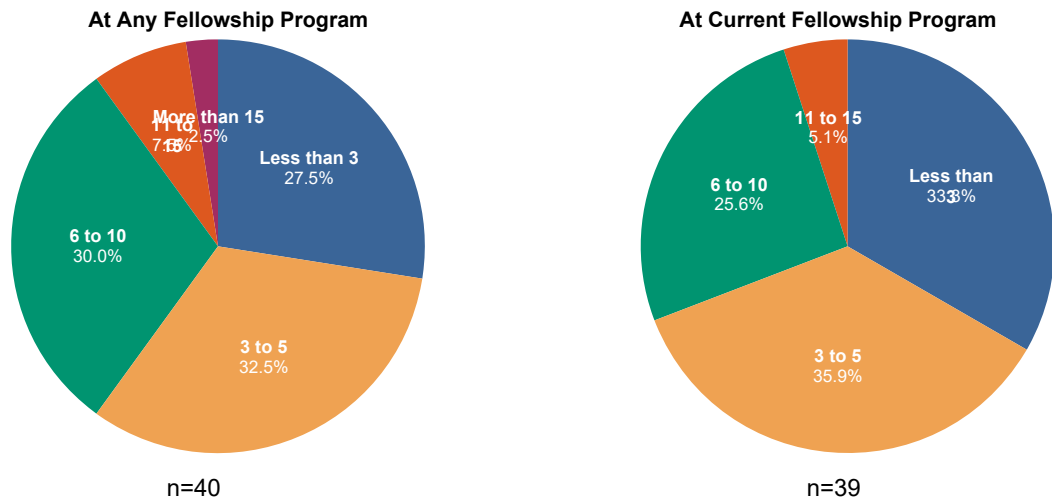


Figure-11

Hospice and Palliative Medicine Years as Program Director





Infectious Disease

2016 Survey

Number of responses	59
Response rate	44.4%

Match Information*

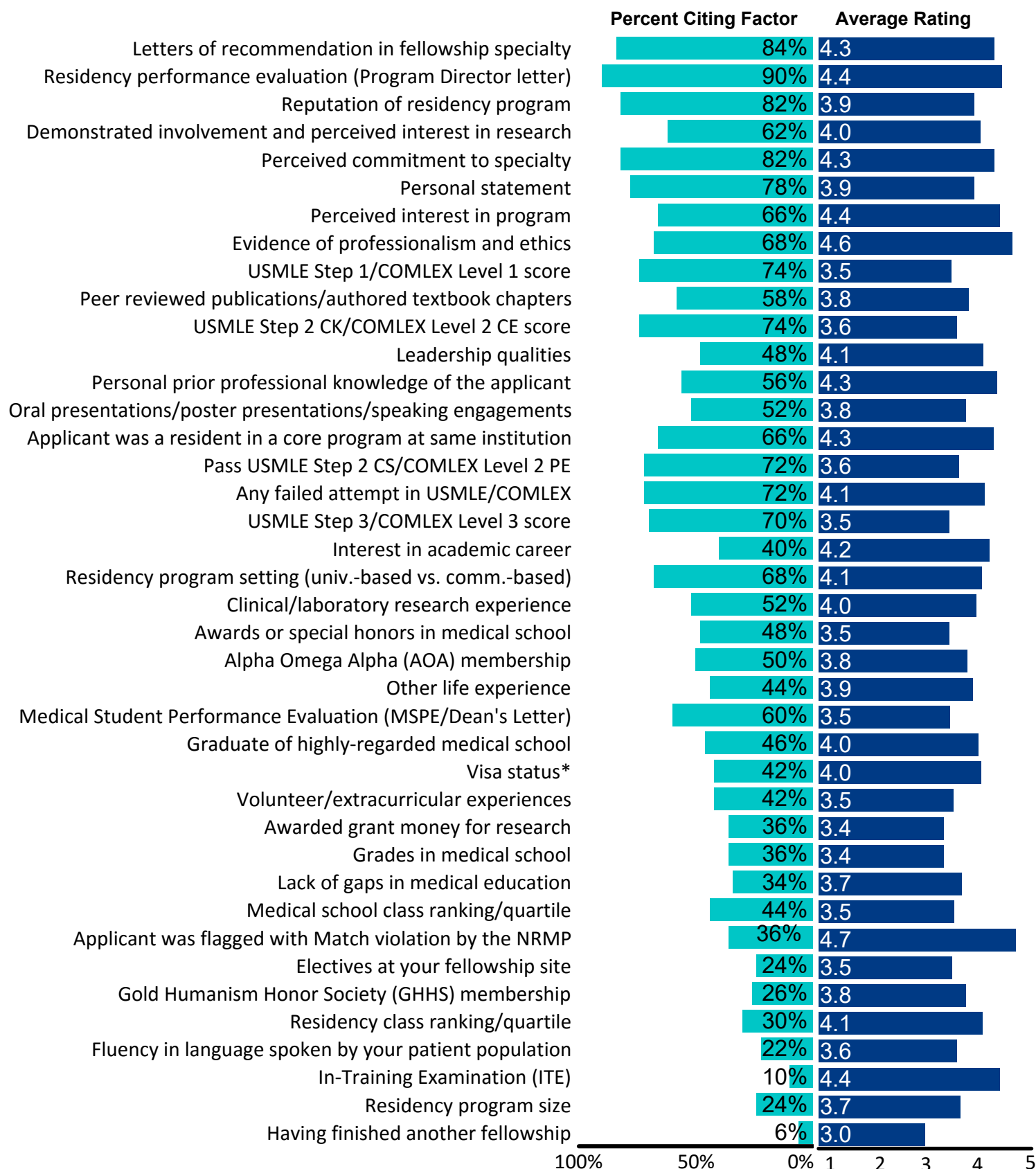
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	142	138	134
Number of positions in the Match	335	327	328
Number of applicants ranking specialty	229	254	276

* Source: NRMP Data Warehouse

Figure-1

Infectious Disease

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=50)



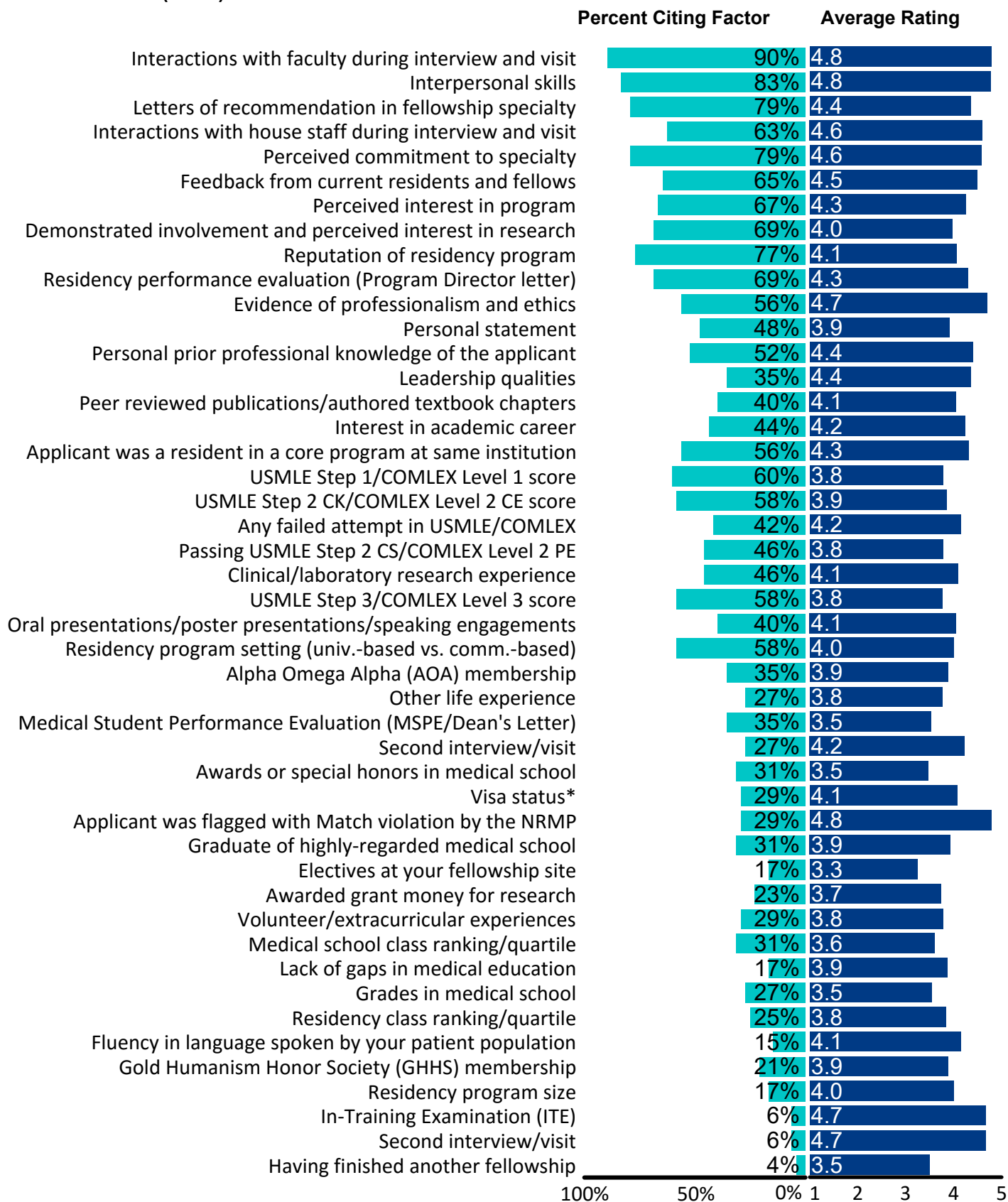
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Infectious Disease

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=50)



¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

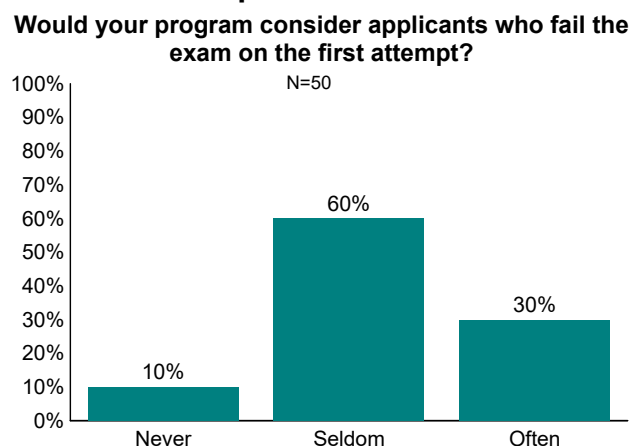
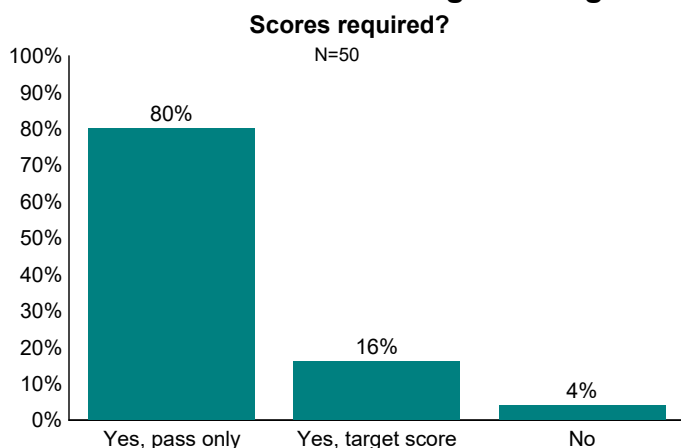
* International Medical Graduates only

Figure-3

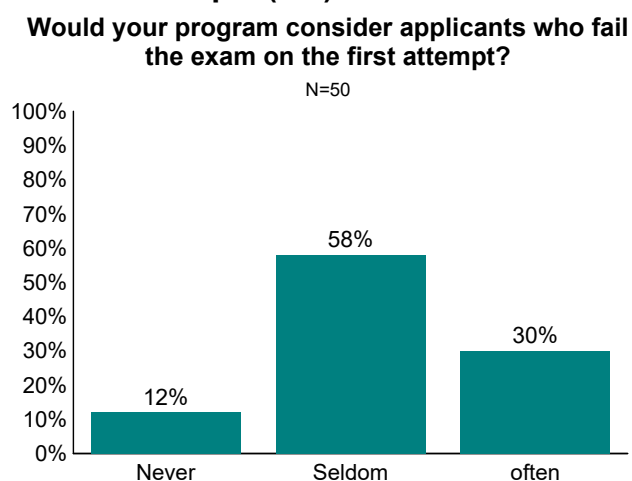
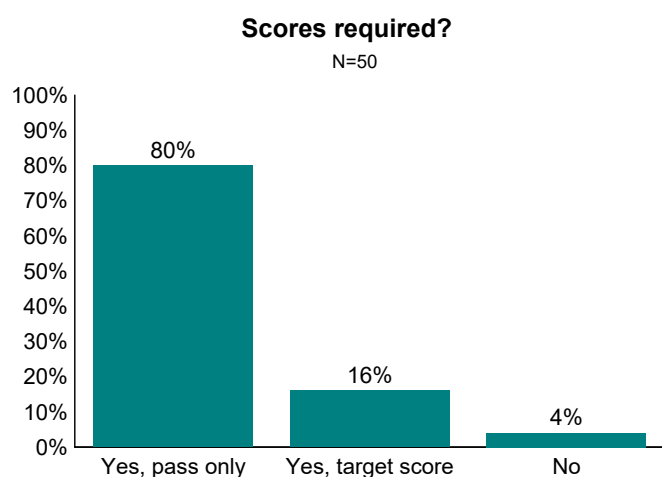
Infectious Disease

Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When Considering Which Applicants to Interview

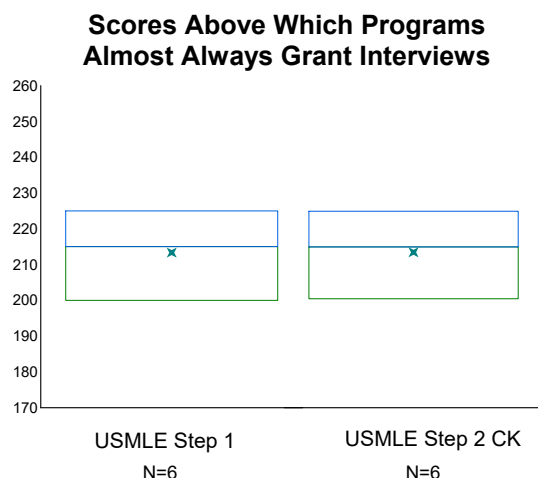
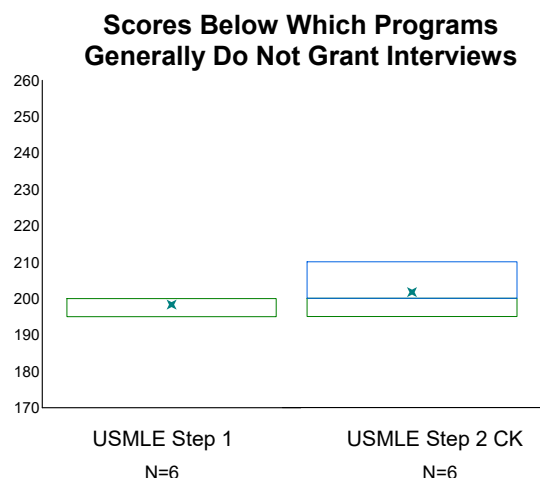
Percentage of Programs That Use USMLE Step 1 Score



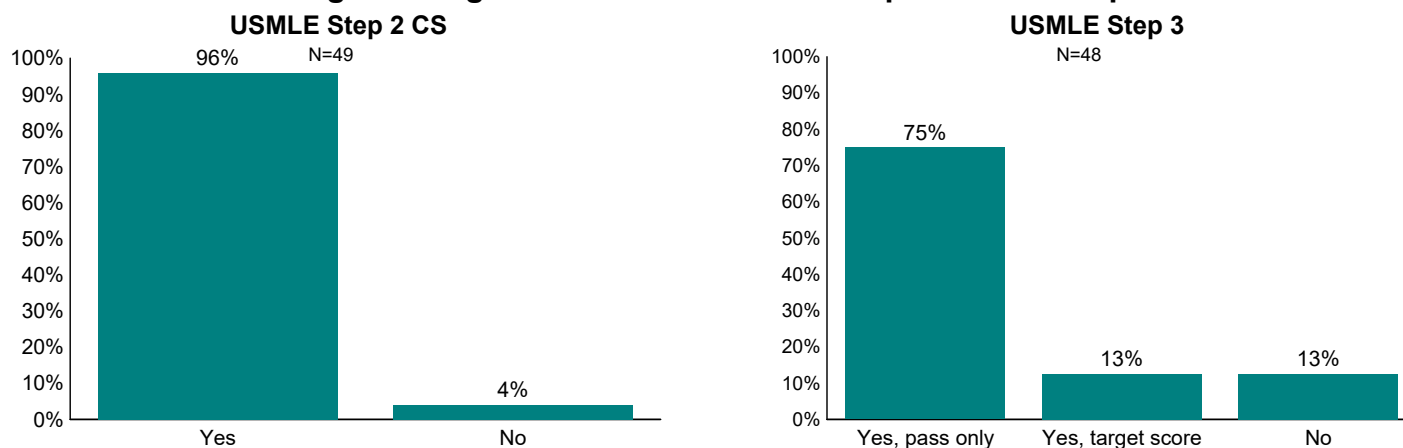
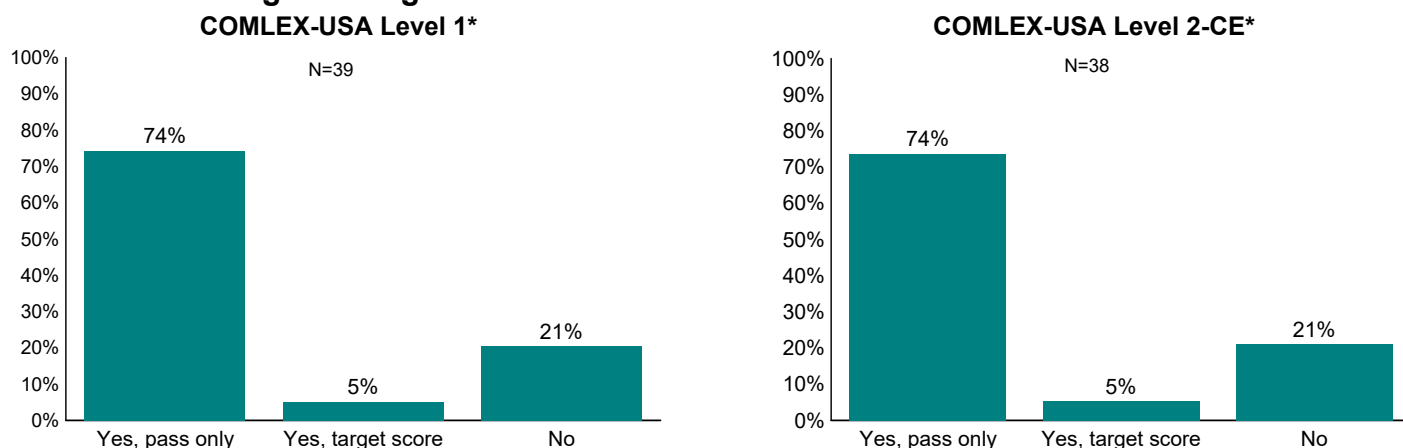
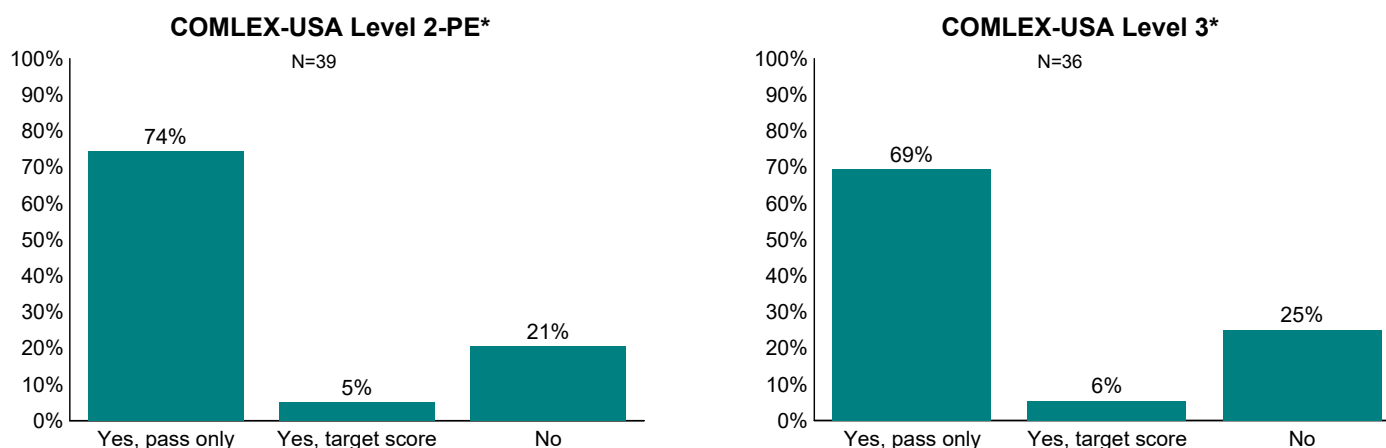
Percentage of Programs That Use USMLE Step 2 (CK) Score



IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs Consider When Granting Interviews



*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4**Infectious Disease****Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview****Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores****Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores****Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores**

* Osteopathic applicants only

Figure-5

Infectious Disease Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

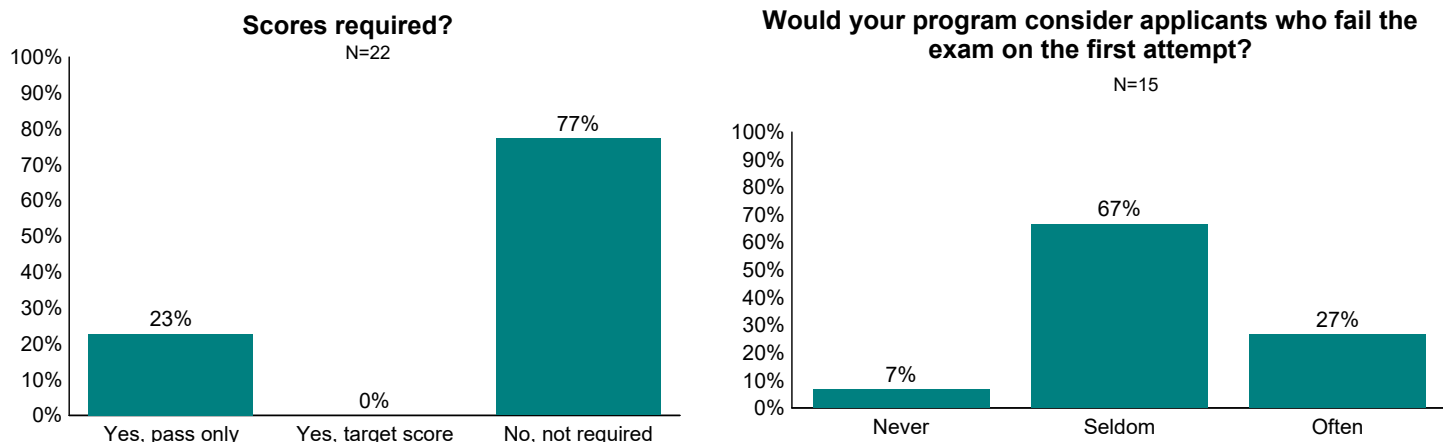


Figure-6

Infectious Disease Programs Positions

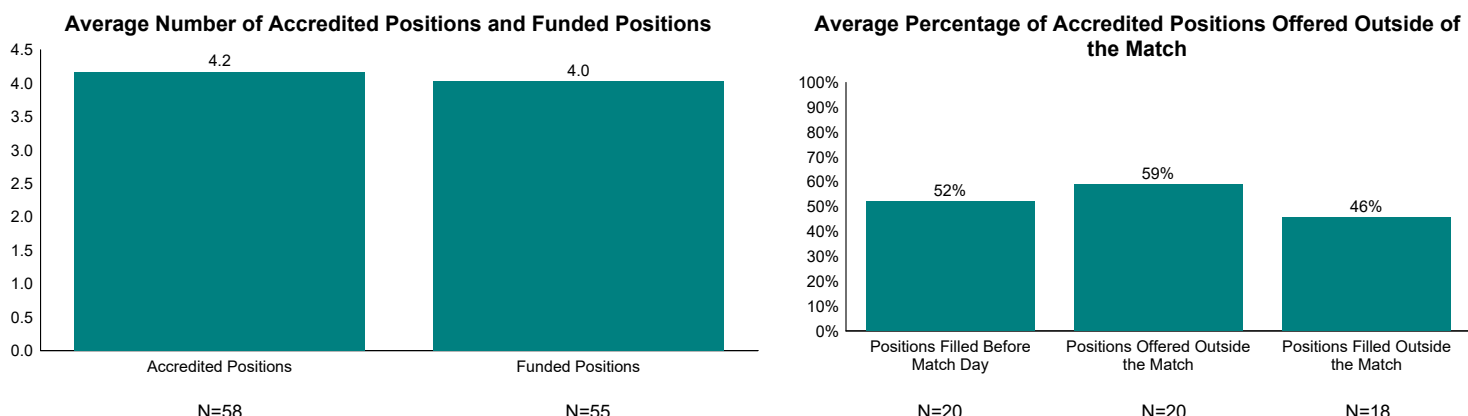
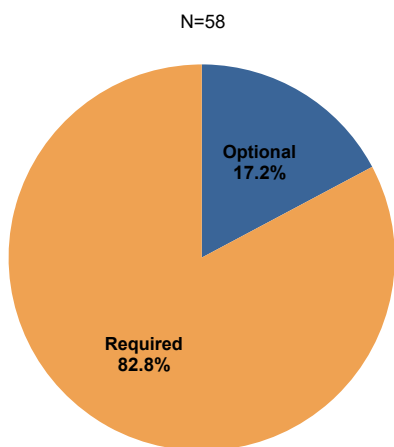


Figure-7

Infectious Disease Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

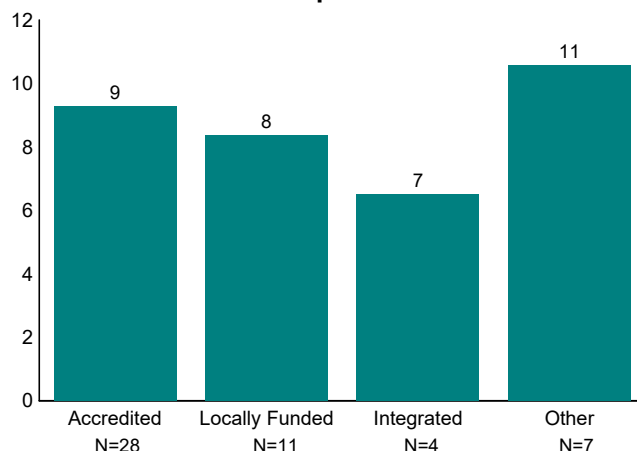
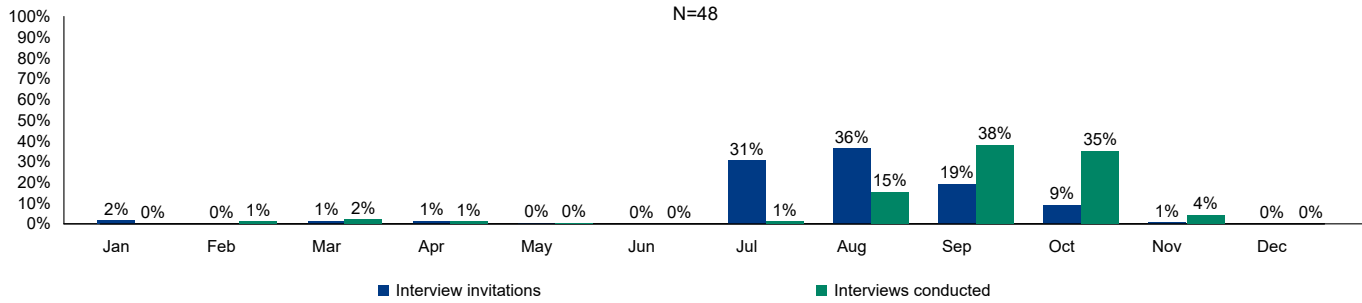


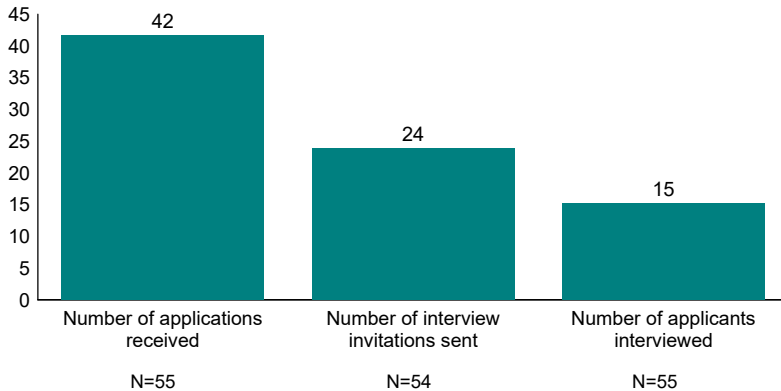
Figure-8

Infectious Disease Program's Interview Activities

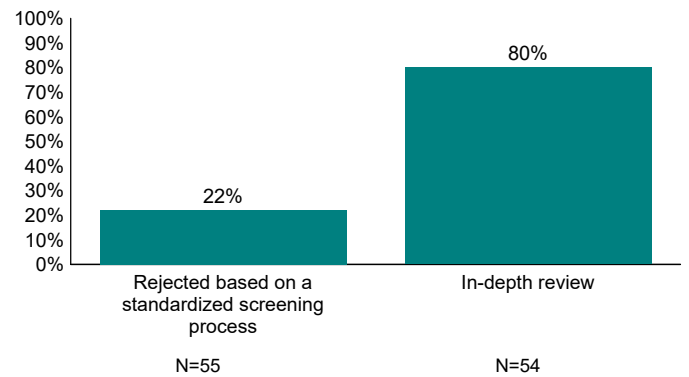
Interview Invitations Sent and Interviews Conducted



Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked

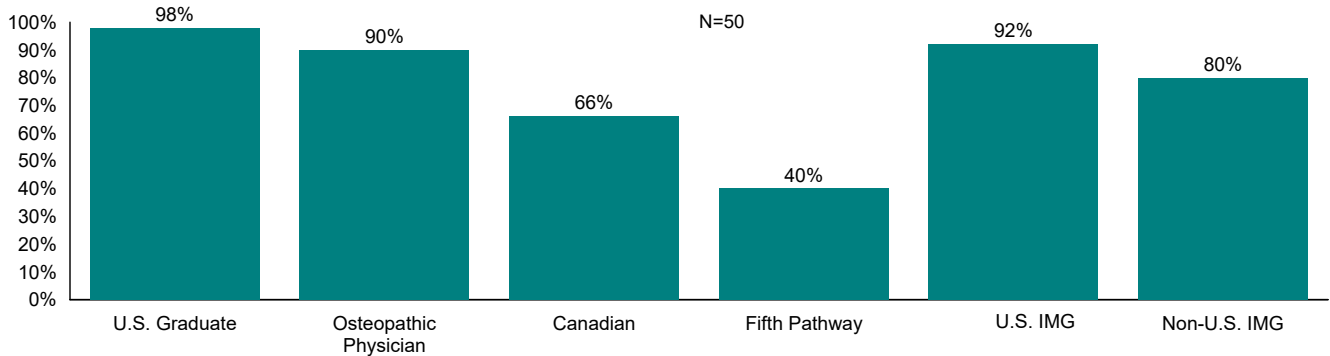


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

36% of Infectious Disease programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

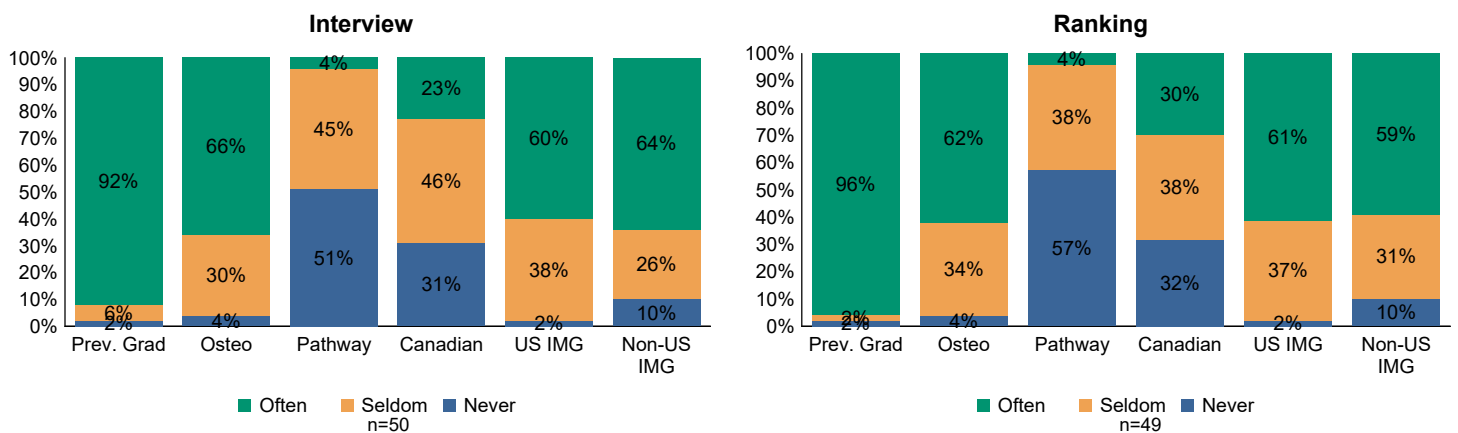


Figure-9

**Infectious Disease
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=46

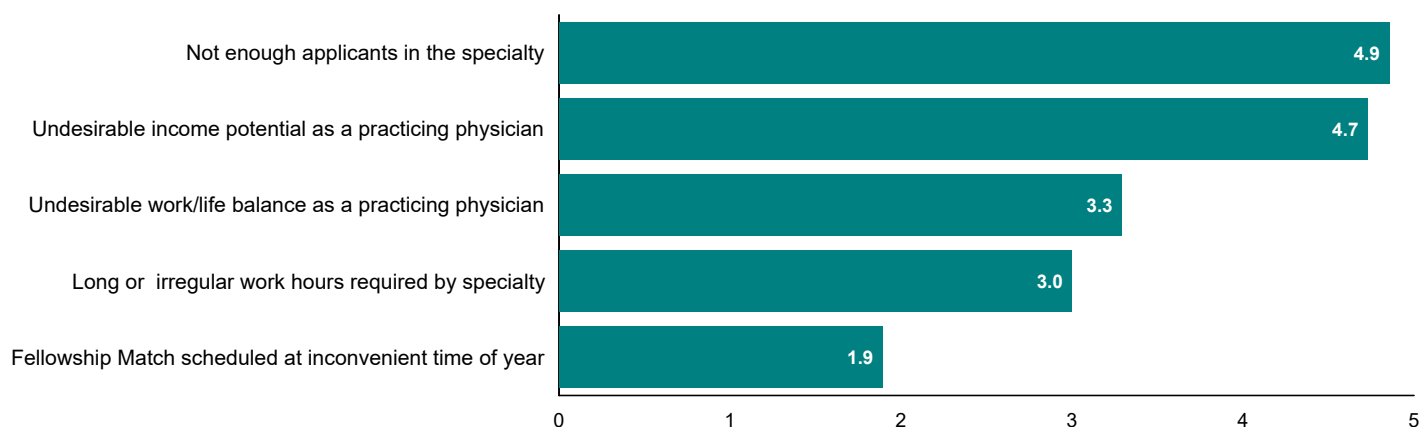


Figure-10

**Infectious Disease
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=46

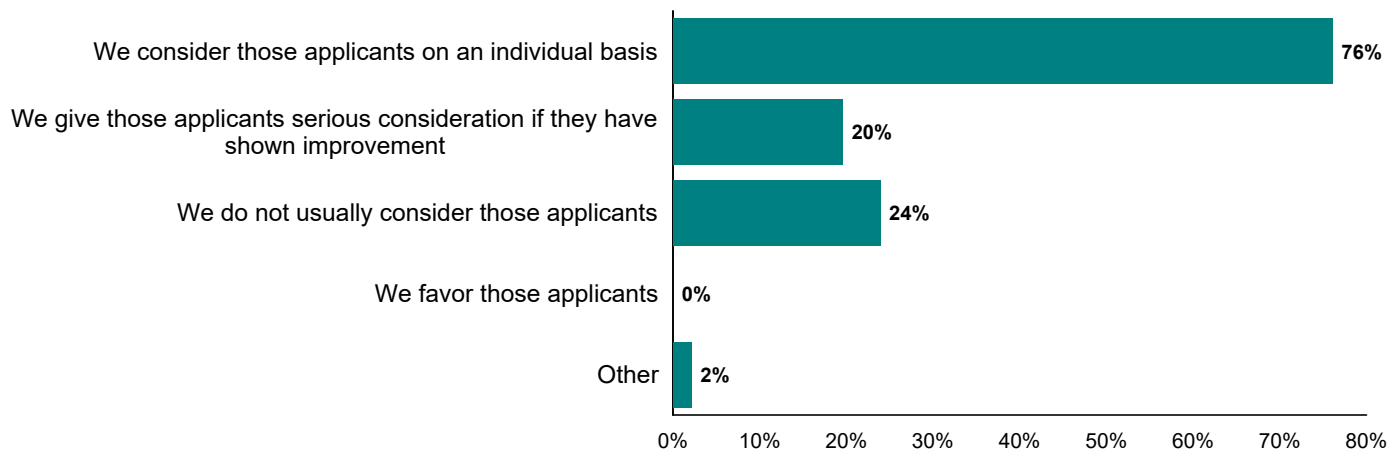
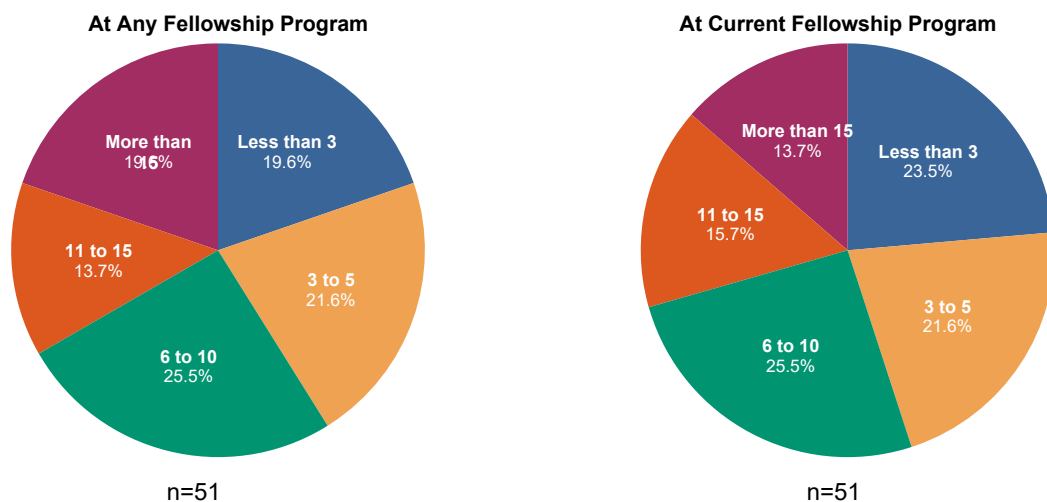


Figure-11

**Infectious Disease
Years as Program Director**





Interventional Radiology

2016 Survey

Number of responses	30
Response rate	37.0%

Match Information*

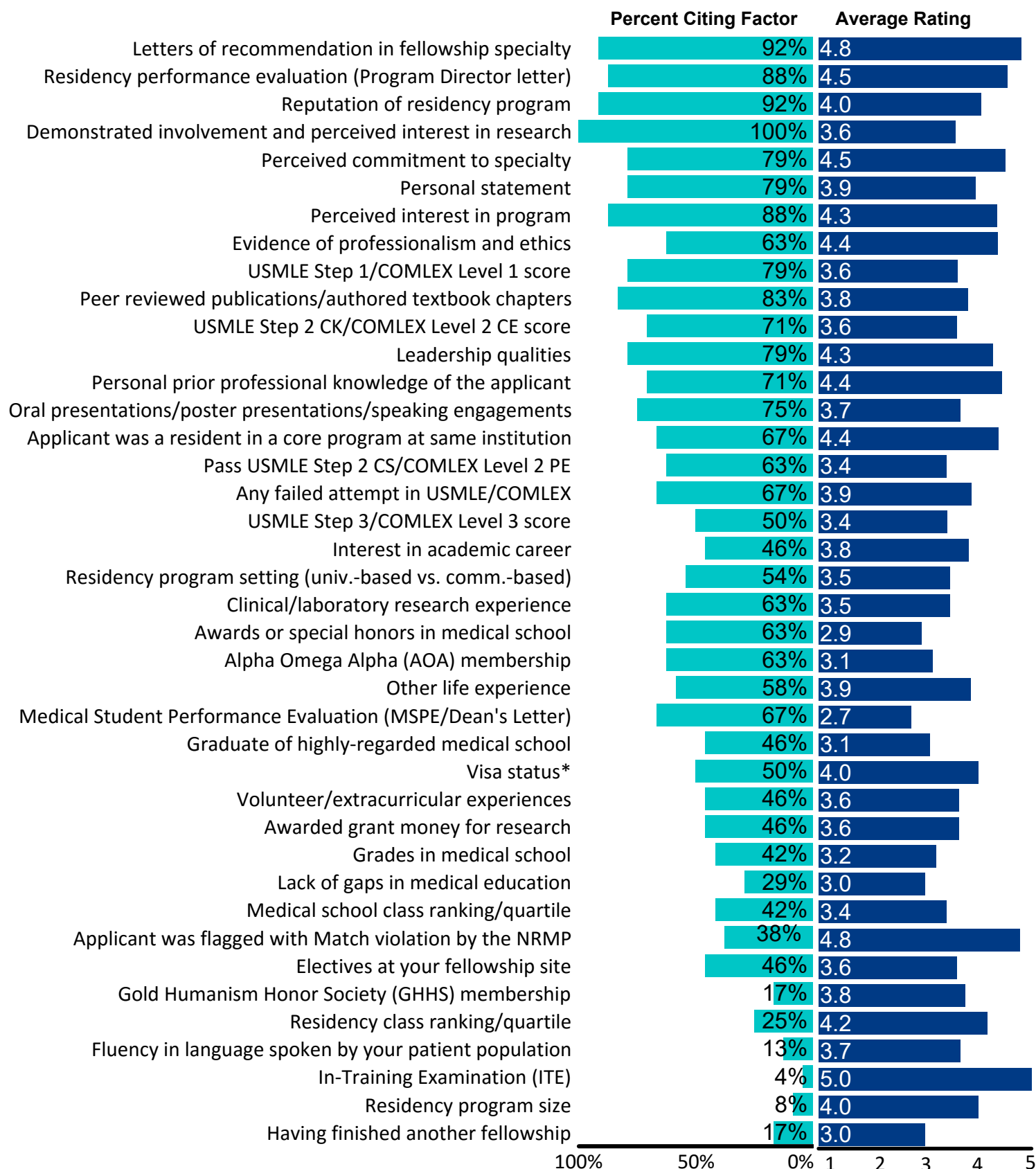
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	81	82	81
Number of positions in the Match	238	234	227
Number of applicants ranking specialty	240	270	275

* Source: NRMP Data Warehouse

Figure-1

Interventional Radiology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=24)



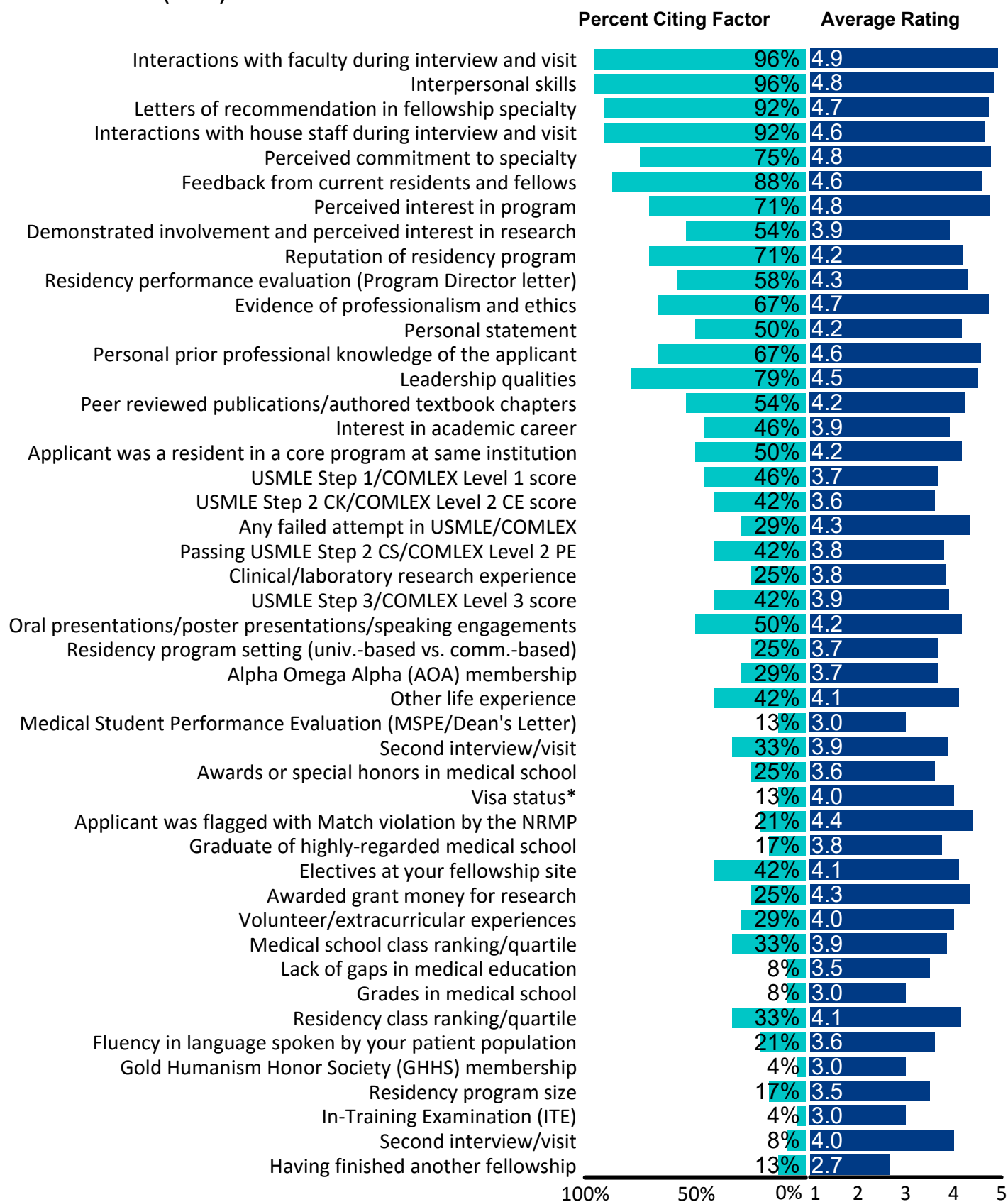
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

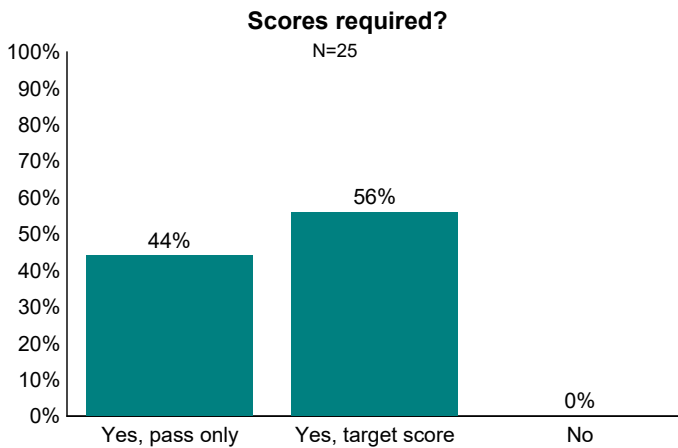
Interventional Radiology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=24)

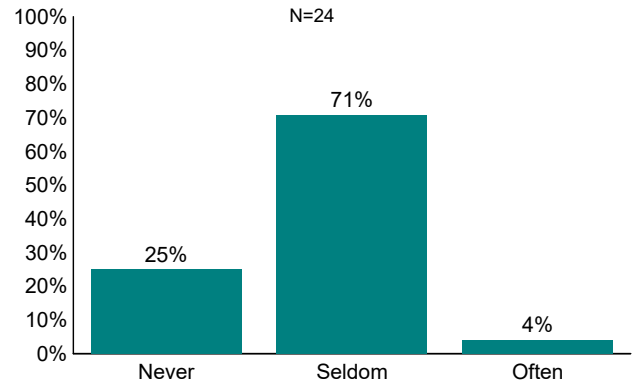
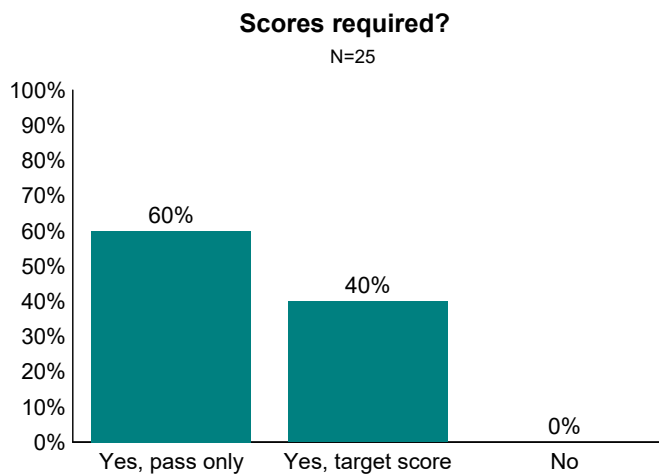


¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

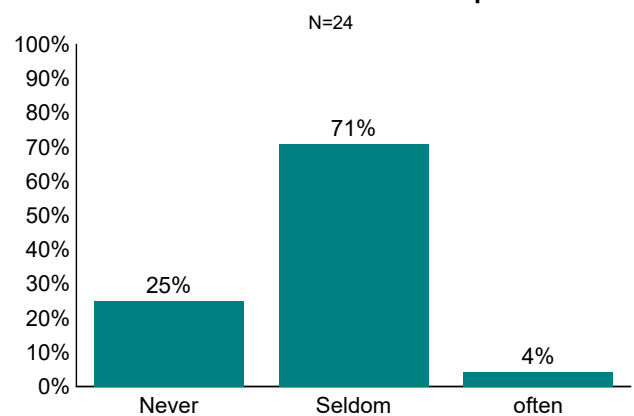
* International Medical Graduates only

Figure-3**Interventional Radiology****Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When Considering Which Applicants to Interview****Percentage of Programs That Use USMLE Step 1 Score**

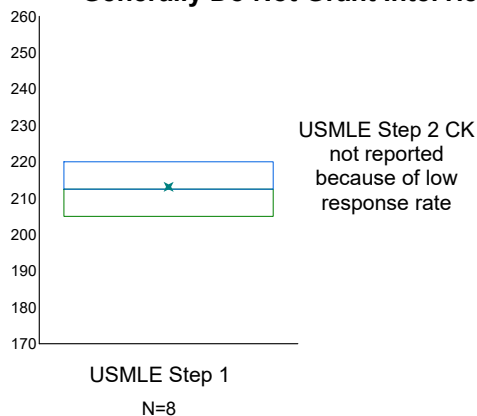
Would your program consider applicants who fail the exam on the first attempt?
N=24

**Percentage of Programs That Use USMLE Step 2 (CK) Score**

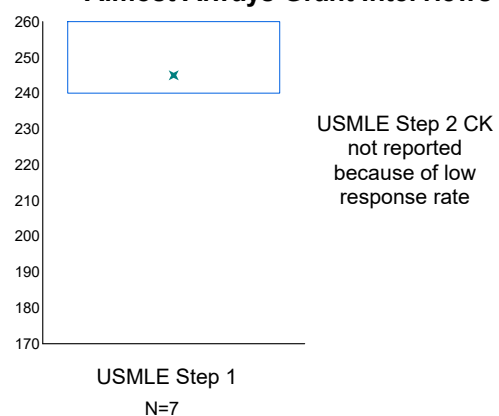
Would your program consider applicants who fail the exam on the first attempt?
N=24

**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs Consider When Granting Interviews**

Scores Below Which Programs Generally Do Not Grant Interviews



Scores Above Which Programs Almost Always Grant Interviews



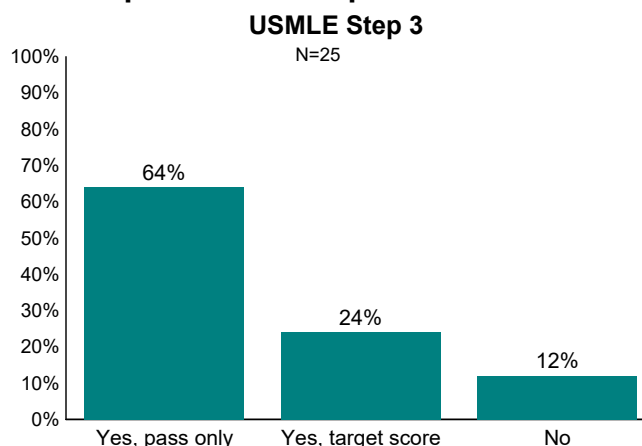
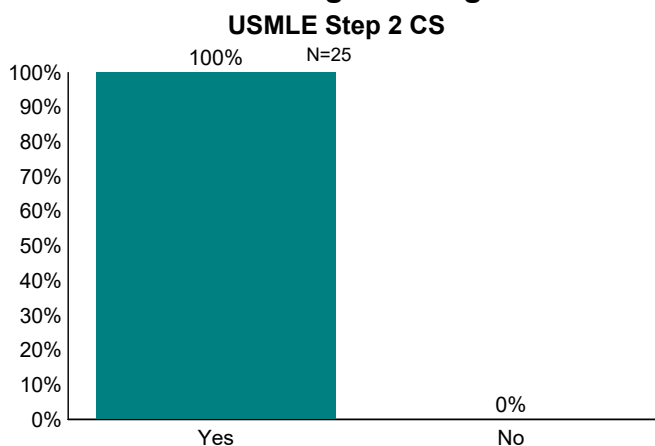
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

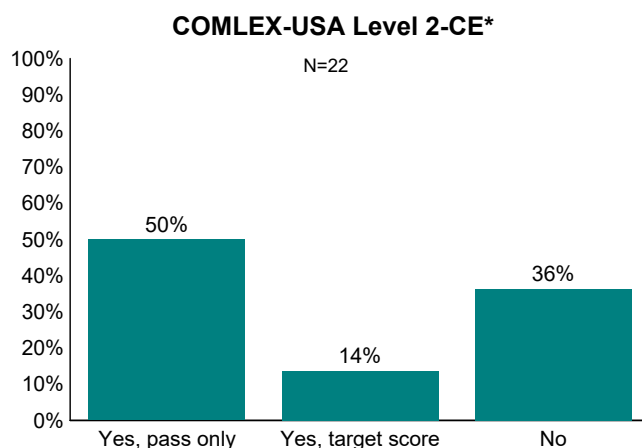
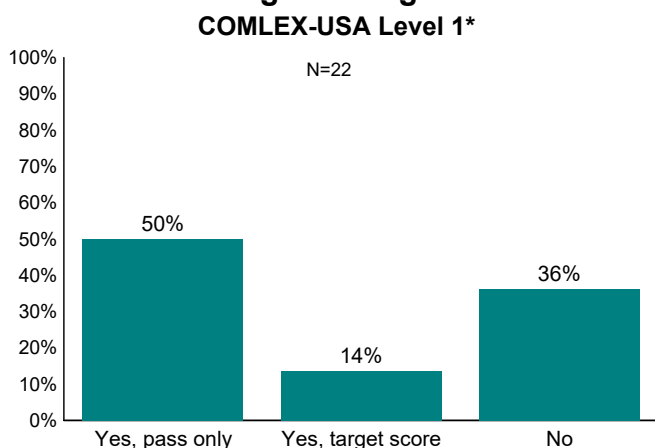
Interventional Radiology

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

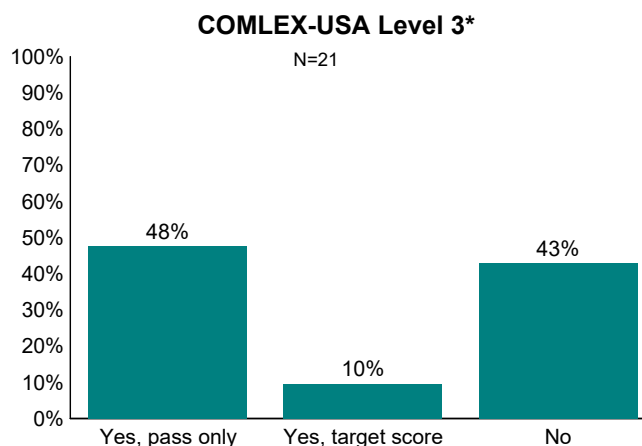
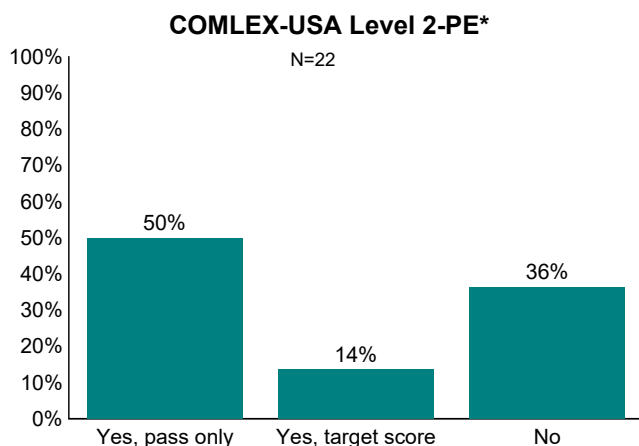
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Interventional Radiology Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

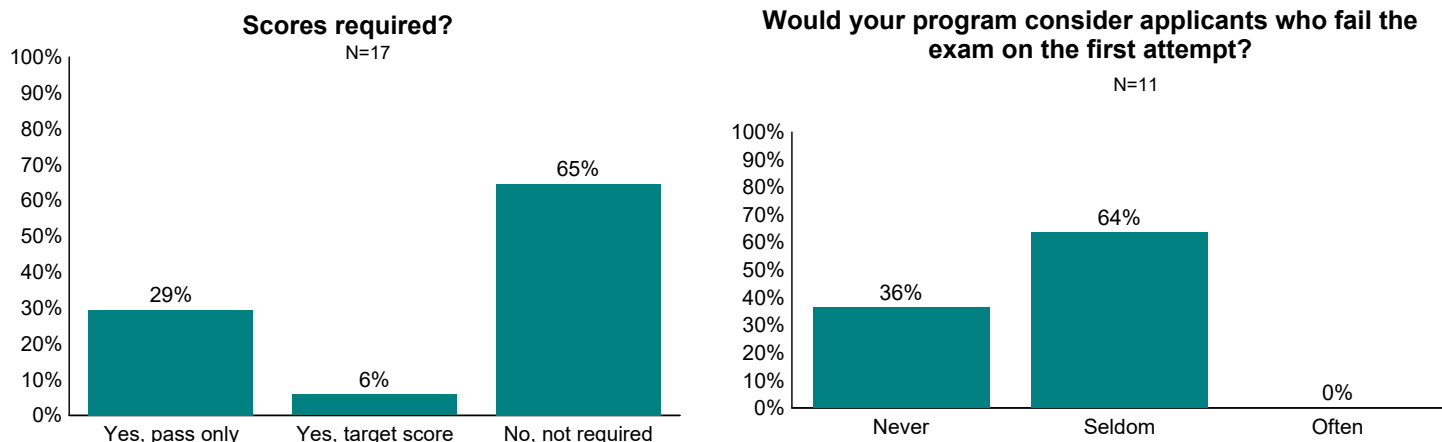


Figure-6

Interventional Radiology Programs Positions

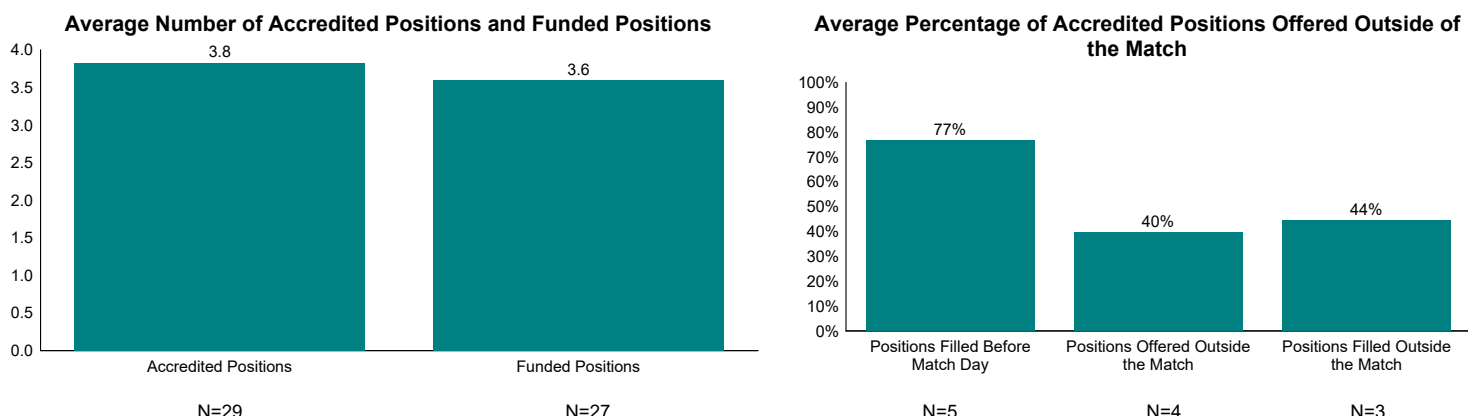
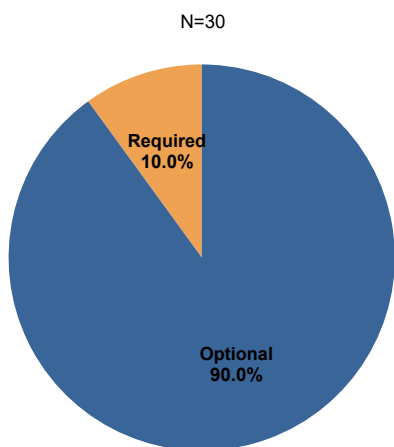


Figure-7

Interventional Radiology Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

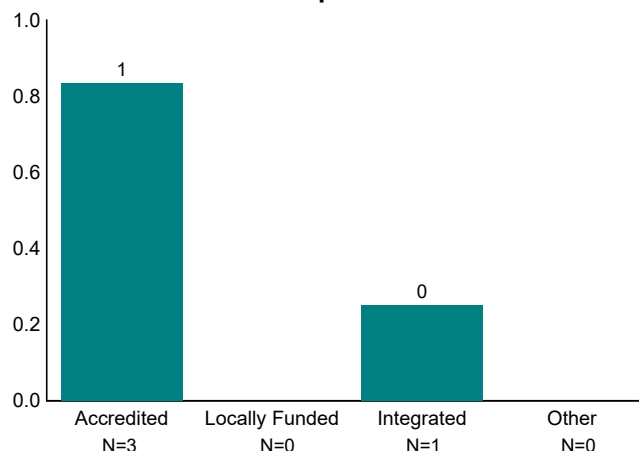
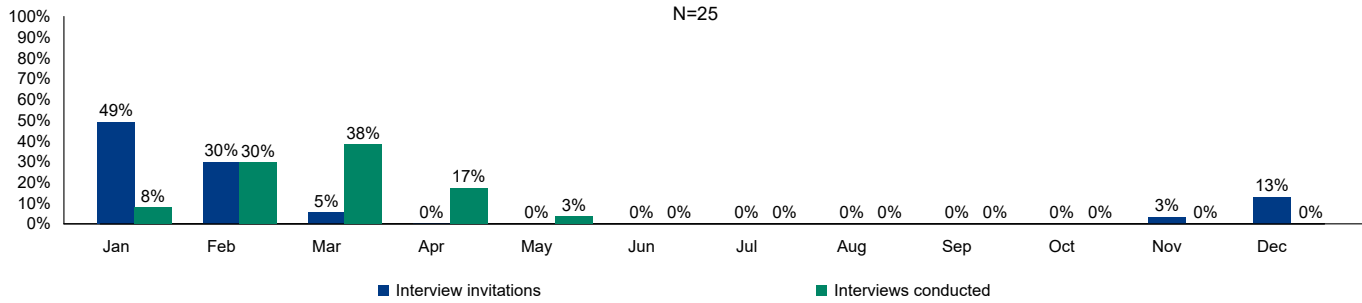


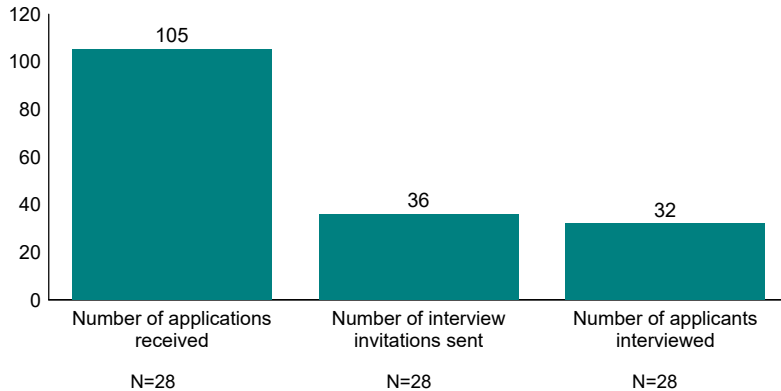
Figure-8

Interventional Radiology Program's Interview Activities

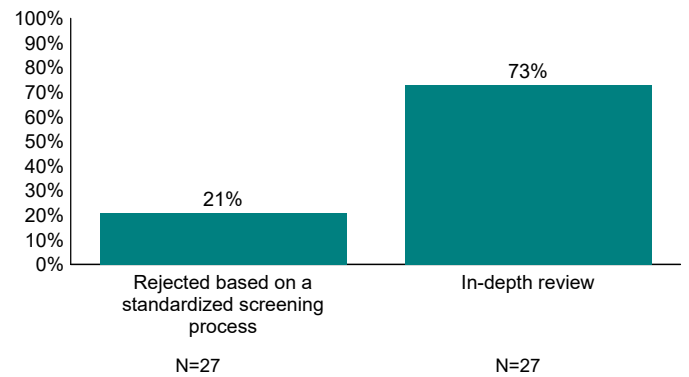
Interview Invitations Sent and Interviews Conducted



Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked

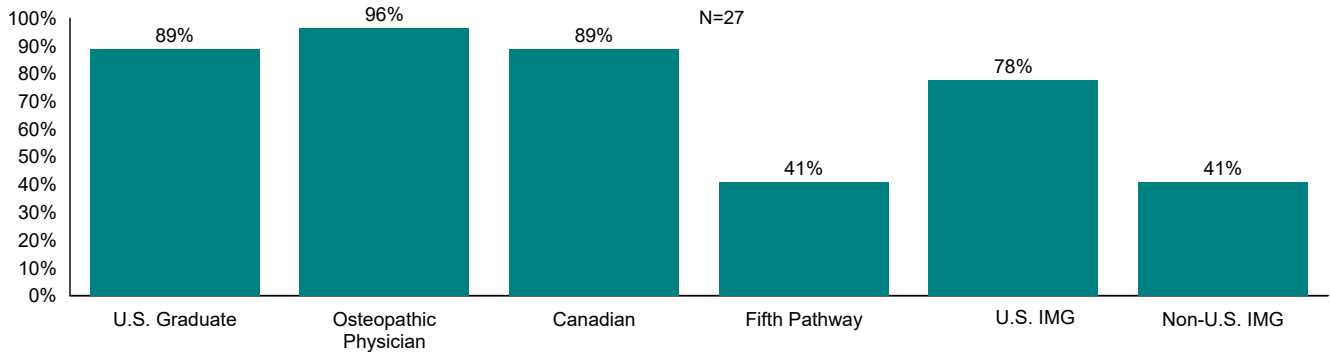


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

37% of Interventional Radiology programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

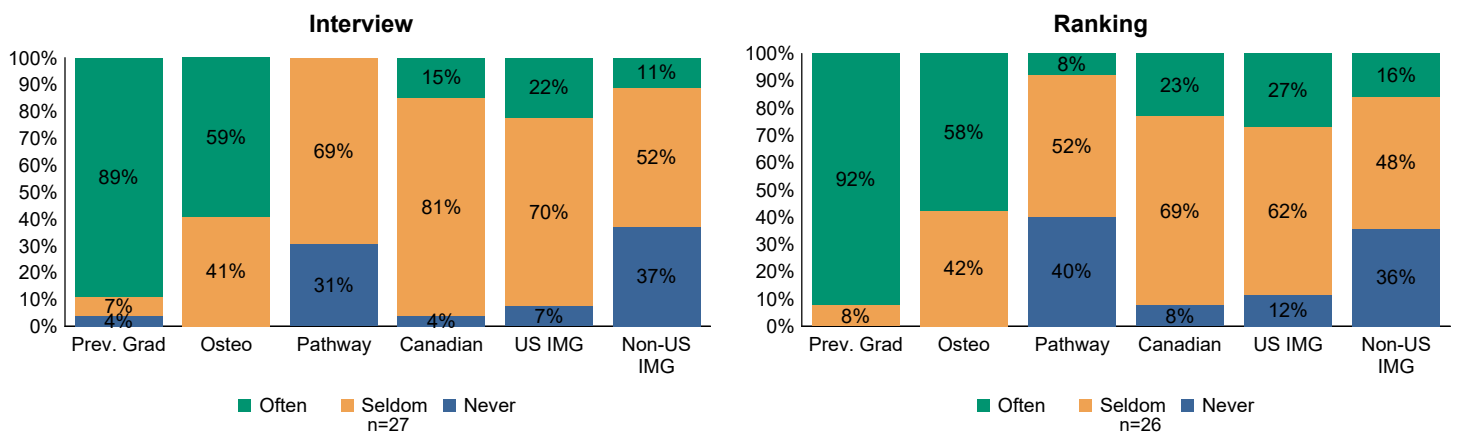


Figure-9

Interventional Radiology Potential Challenges in Recruiting Applicants to Your Specialty

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=23

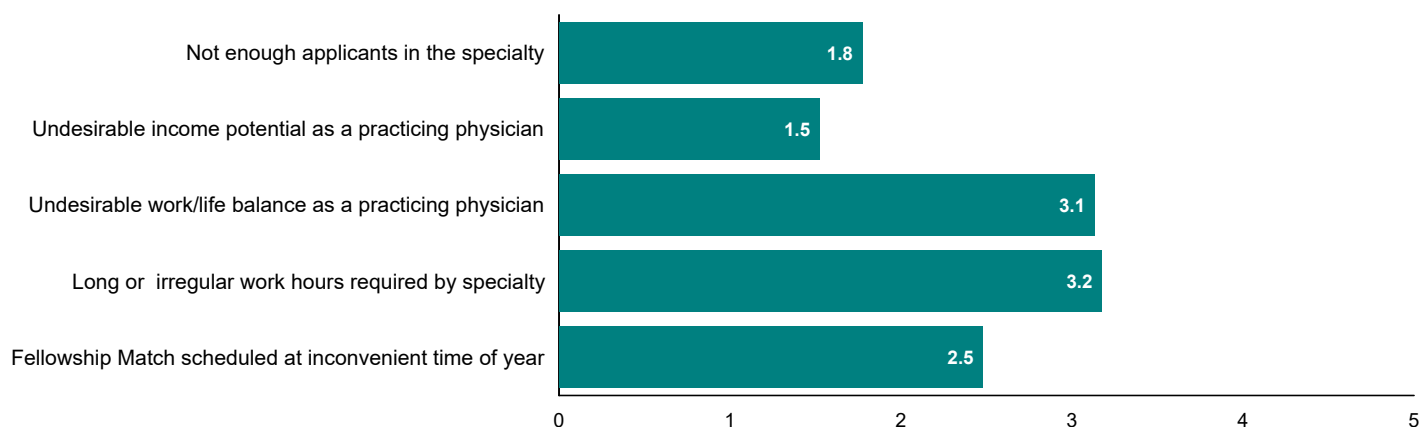


Figure-10

Interventional Radiology Applicants Who Applied in the Specialty in the Past But Did Not Match

n=24

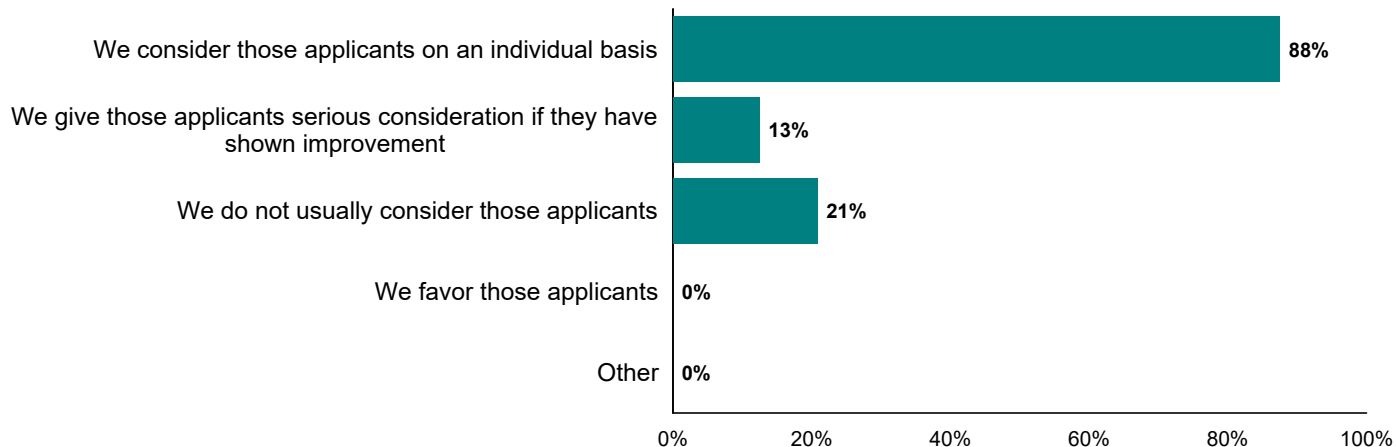
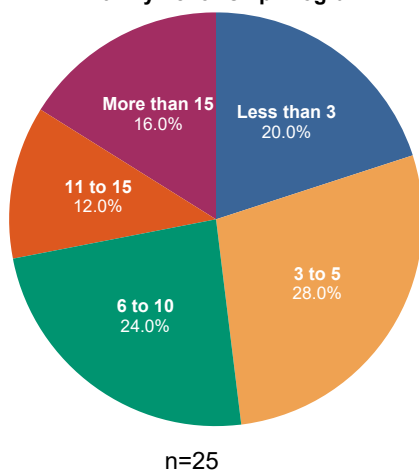


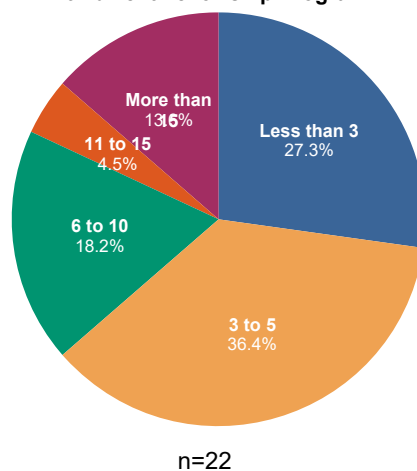
Figure-11

Interventional Radiology Years as Program Director

At Any Fellowship Program



At Current Fellowship Program





Maternal-Fetal Medicine

2016 Survey

Number of responses	26
Response rate	35.6%

Match Information*

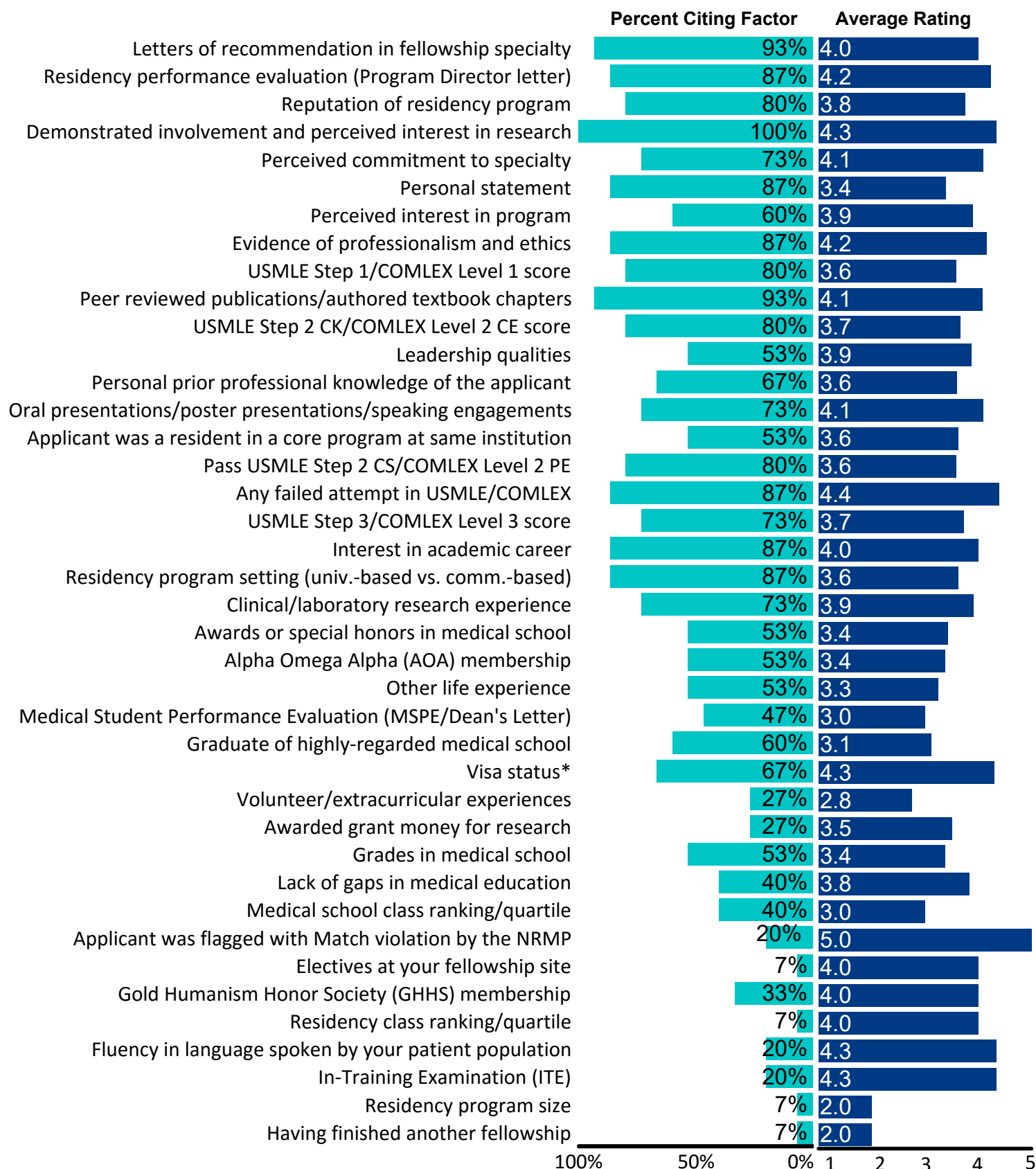
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	75	70	73
Number of positions in the Match	104	97	101
Number of applicants ranking specialty	140	144	142

* Source: NRMP Data Warehouse

Figure-1

Maternal-Fetal Medicine

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=15)



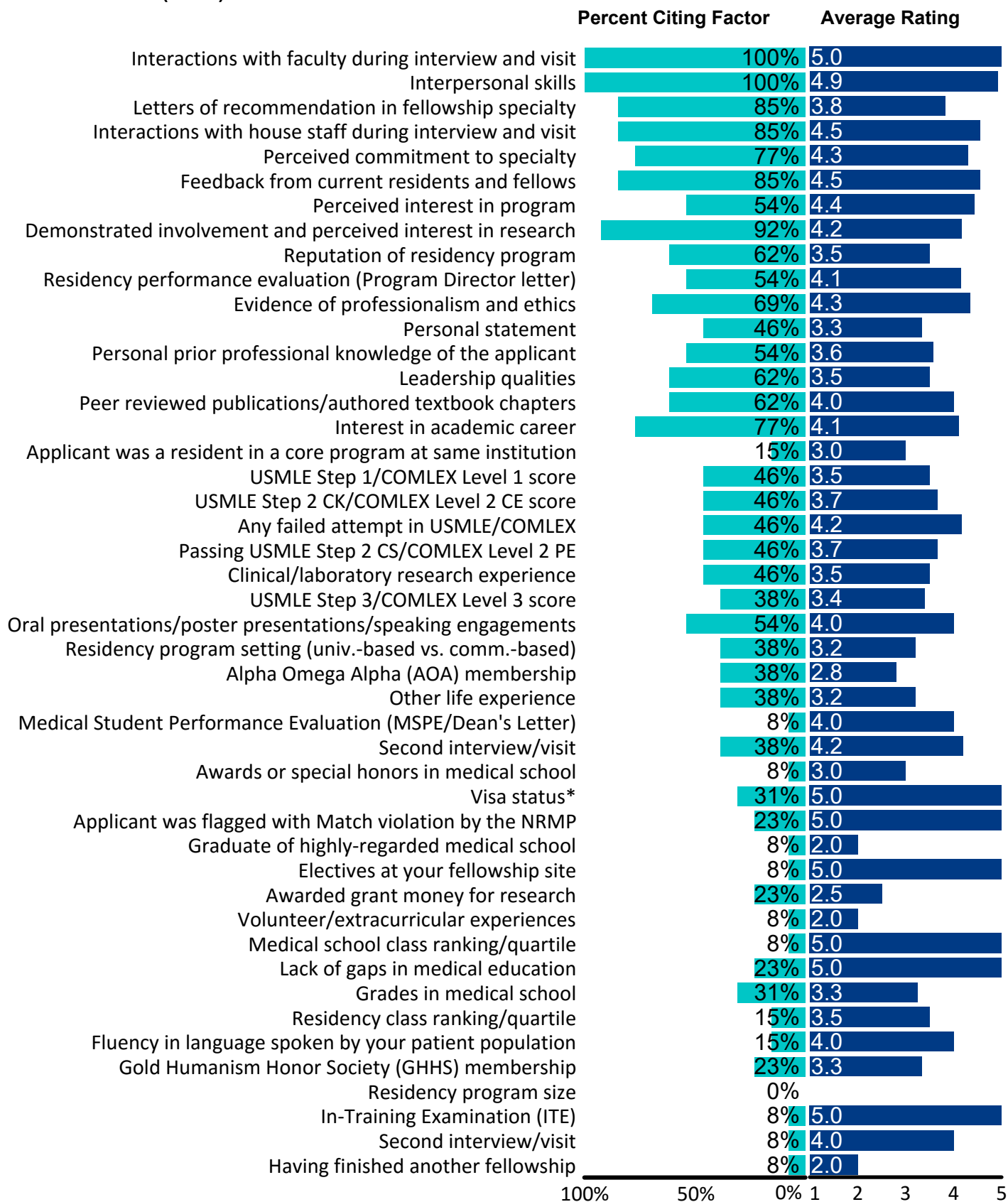
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Maternal-Fetal Medicine

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=15)



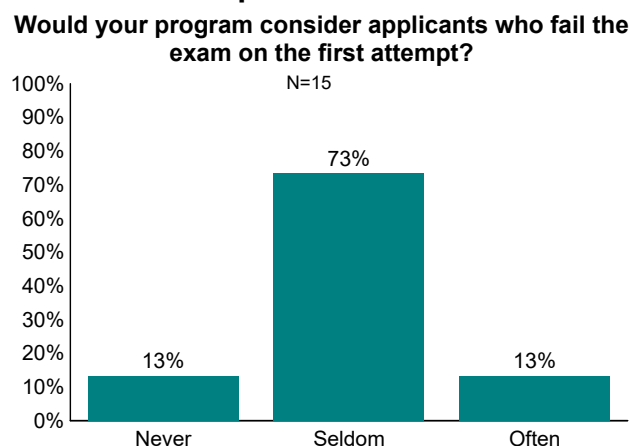
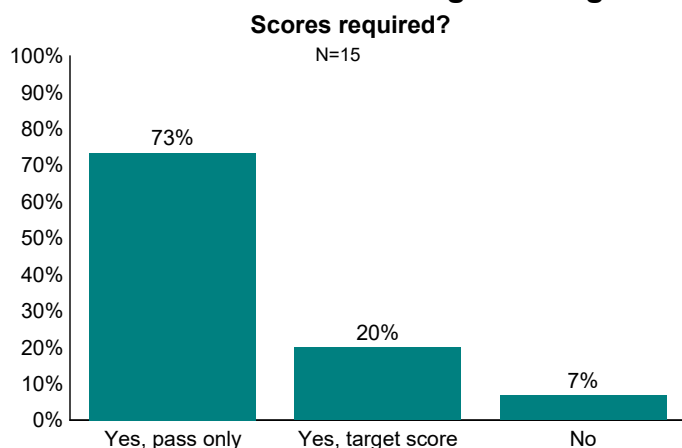
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

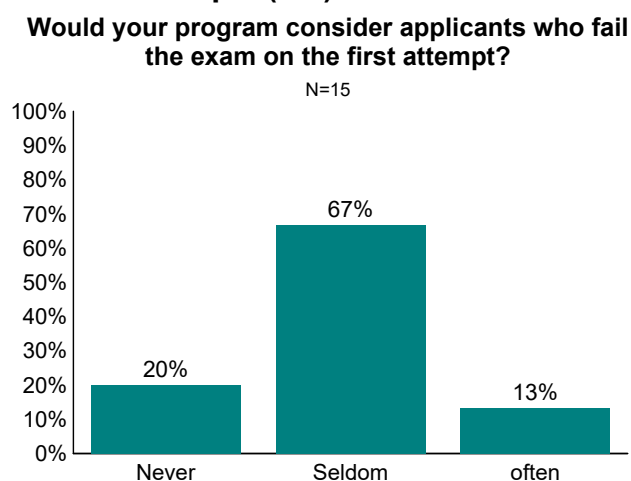
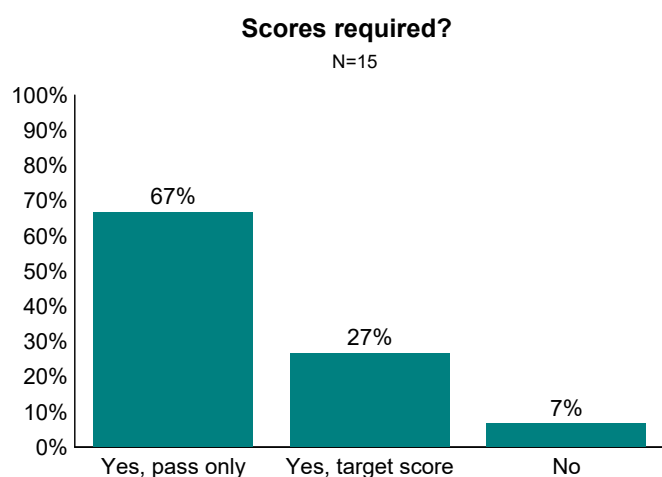
Figure-3

**Maternal-Fetal Medicine
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**

**Scores Below Which Programs
Generally Do Not Grant Interviews**

USMLE Step 1 not
reported because
of low response
rate

USMLE Step 2 CK
not reported
because of low
response rate

**Scores Above Which Programs
Almost Always Grant Interviews**

USMLE Step 1 not
reported because
of low response
rate

USMLE Step 2 CK
not reported
because of low
response rate

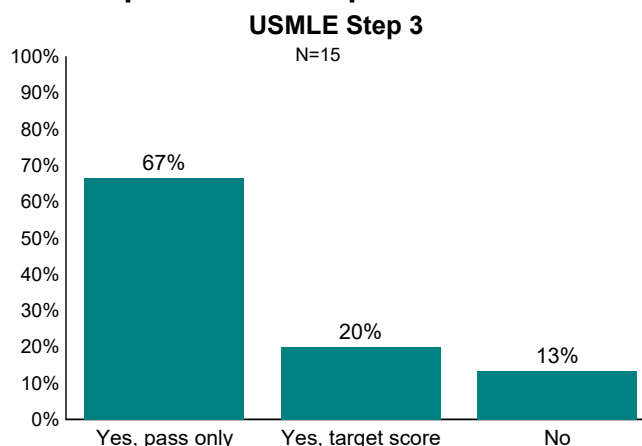
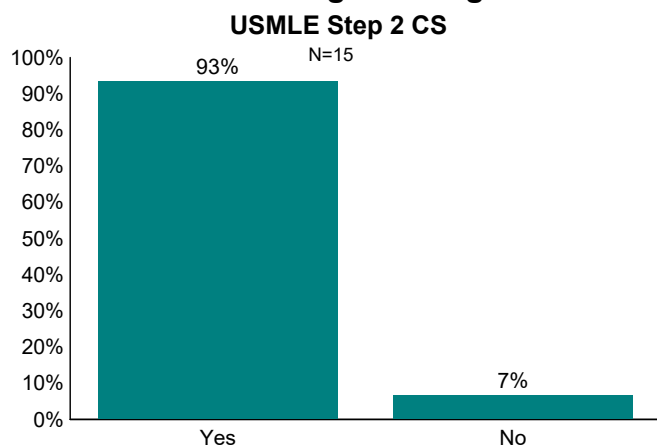
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

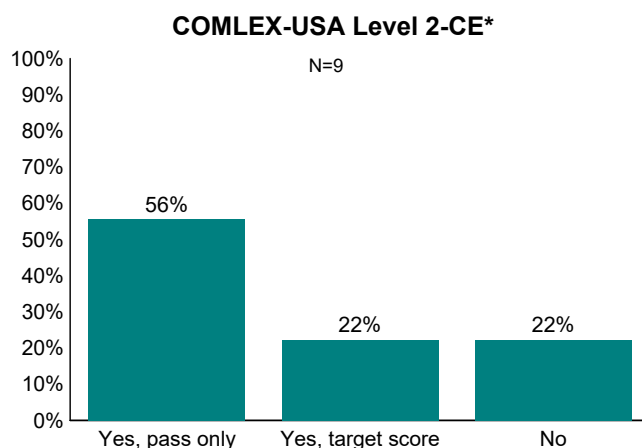
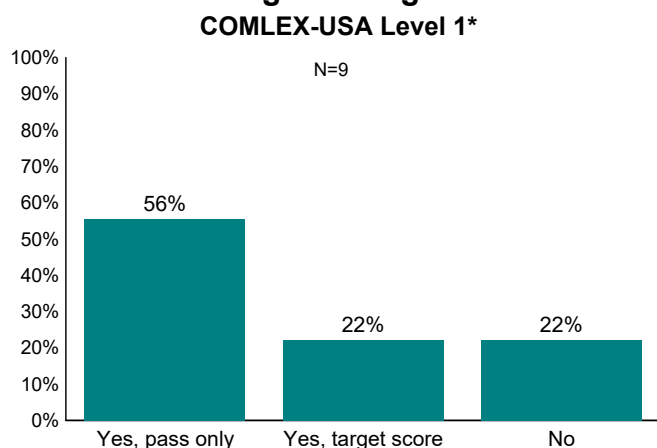
Maternal-Fetal Medicine

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

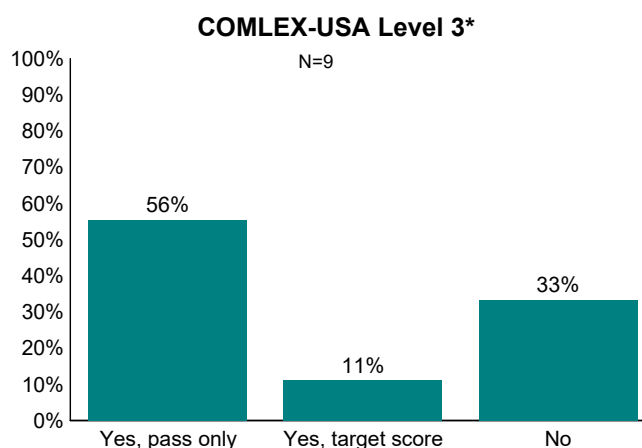
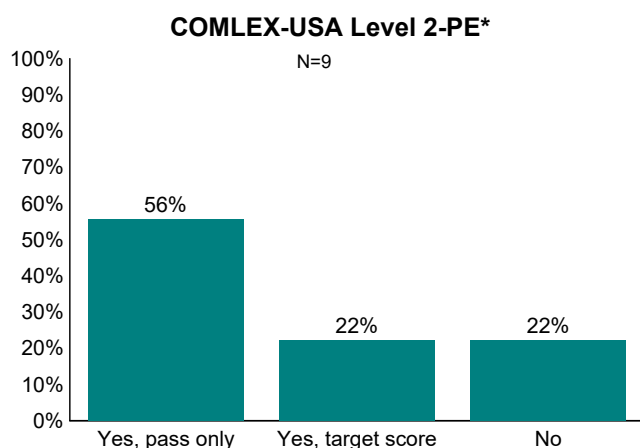
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Maternal-Fetal Medicine Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

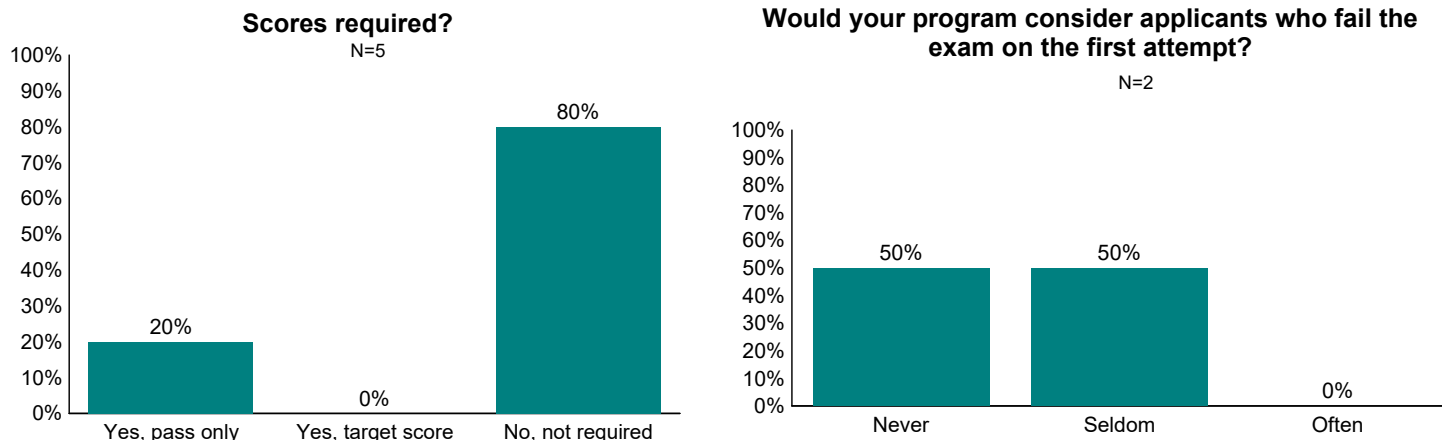


Figure-6

Maternal-Fetal Medicine Programs Positions

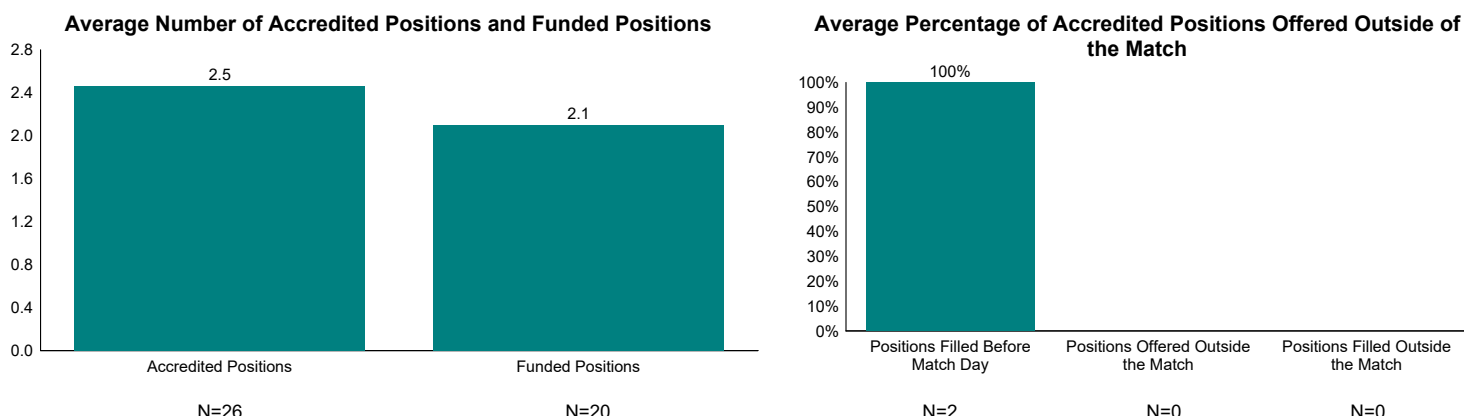
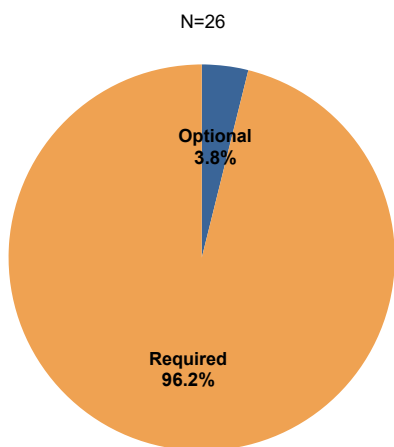


Figure-7

Maternal-Fetal Medicine Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

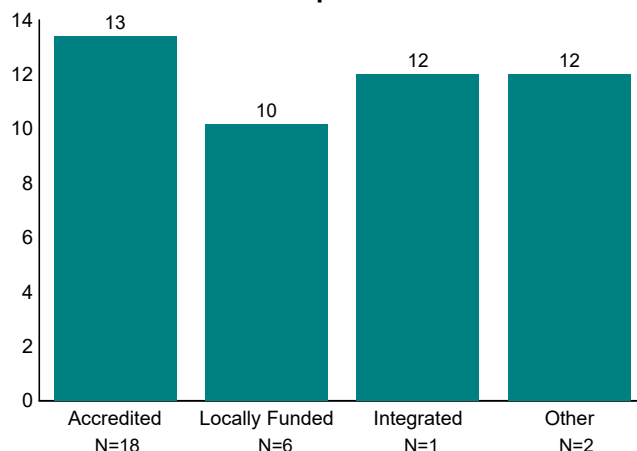
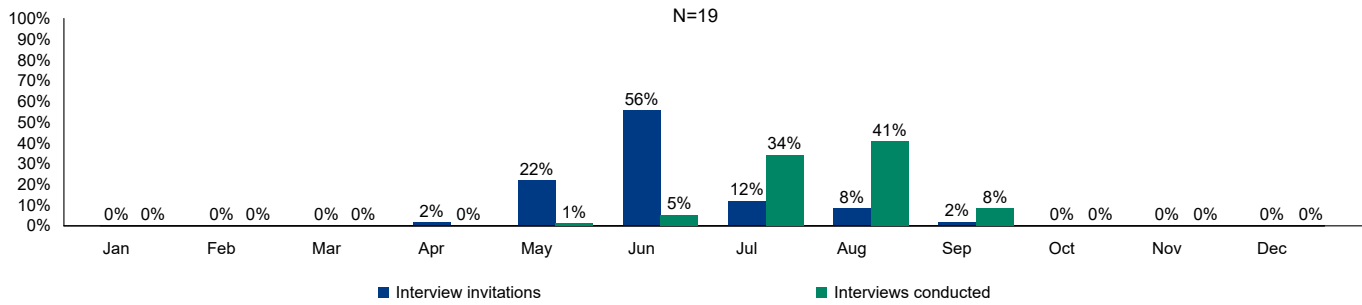


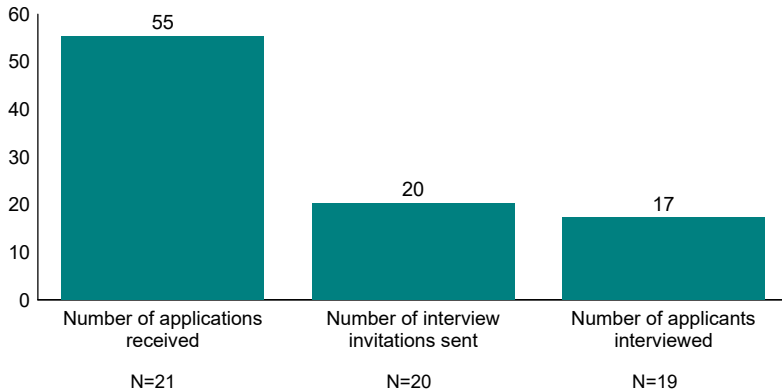
Figure-8

Maternal-Fetal Medicine Program's Interview Activities

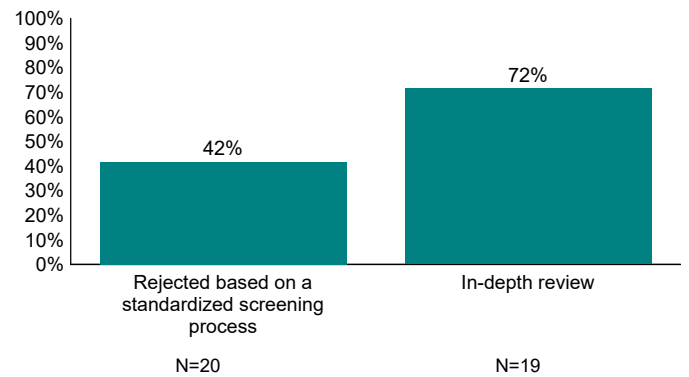
Interview Invitations Sent and Interviews Conducted



Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked

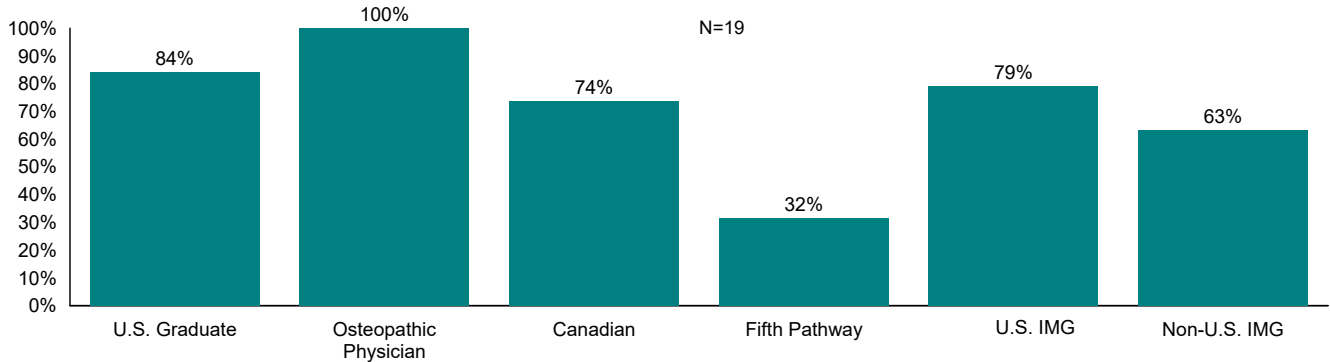


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

26% of Maternal-Fetal Medicine programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

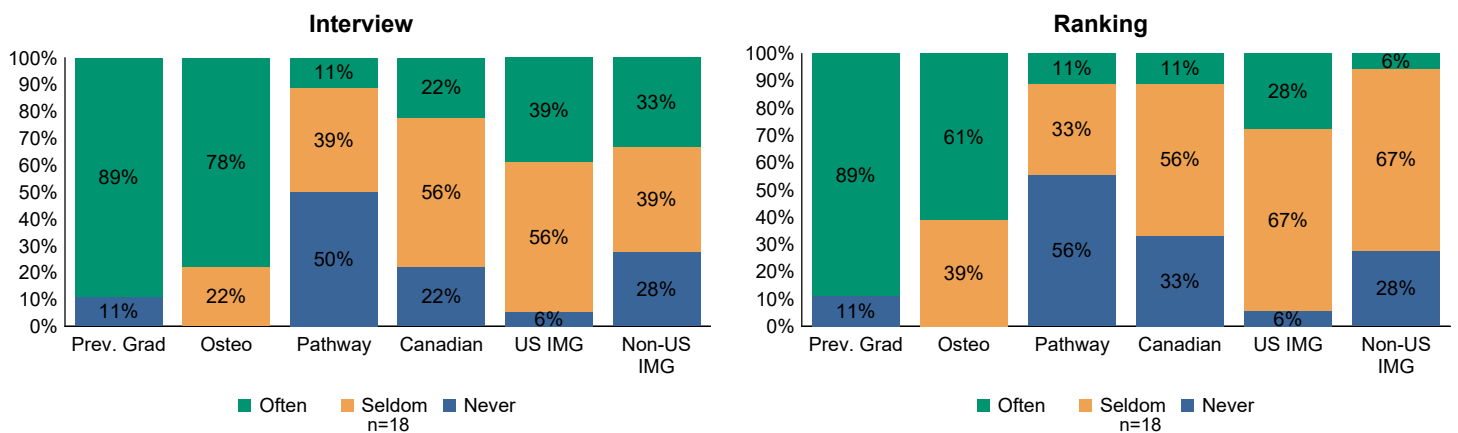


Figure-9

**Maternal-Fetal Medicine
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=13

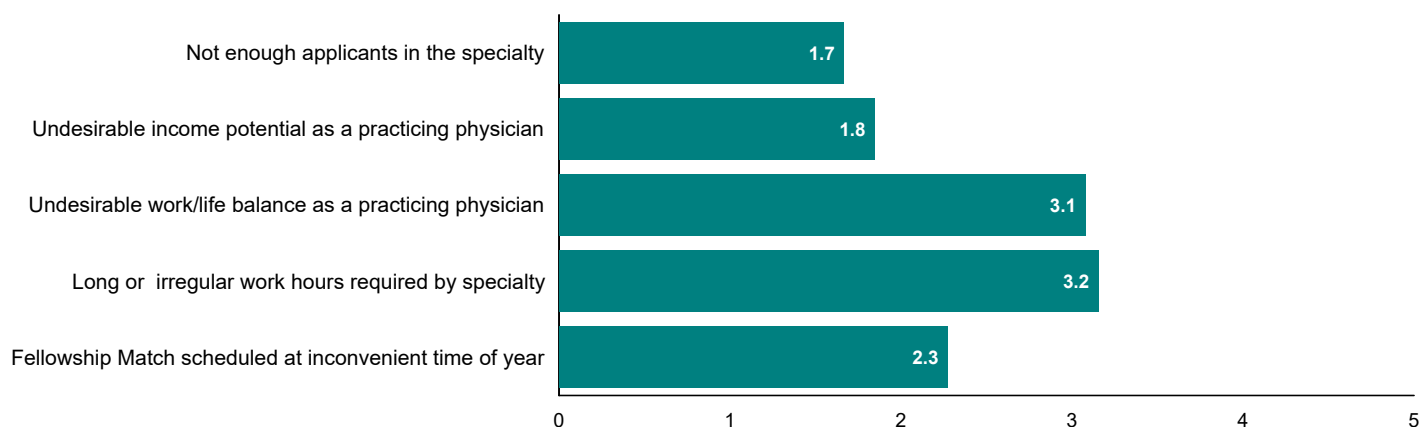


Figure-10

**Maternal-Fetal Medicine
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=13

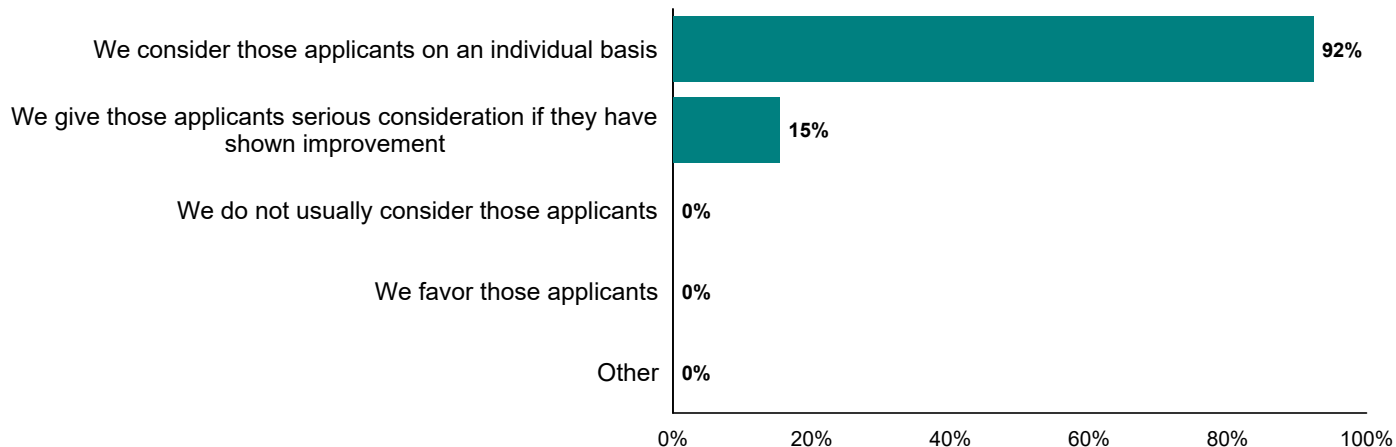
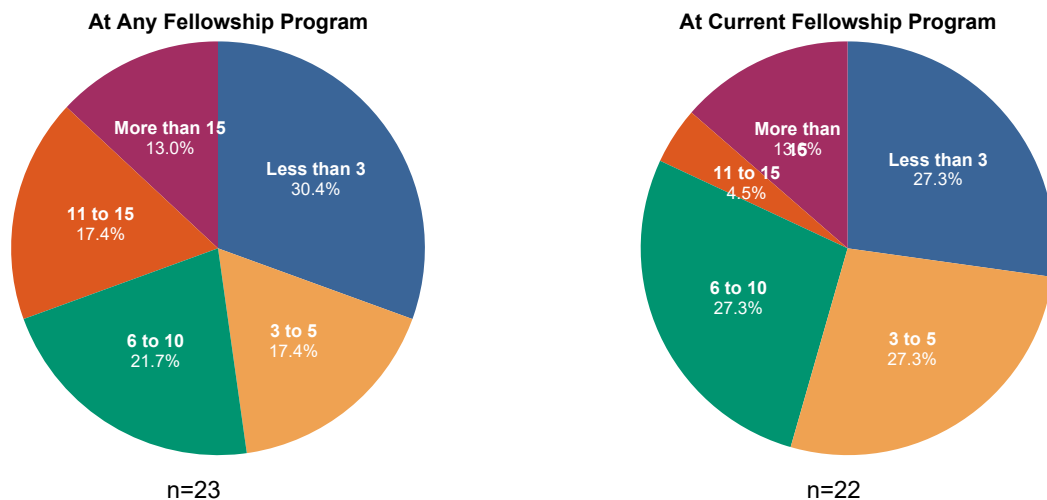


Figure-11

**Maternal-Fetal Medicine
Years as Program Director**





Neonatal-Perinatal Medicine

2016 Survey

Number of responses	48
Response rate	52.7%

Match Information*

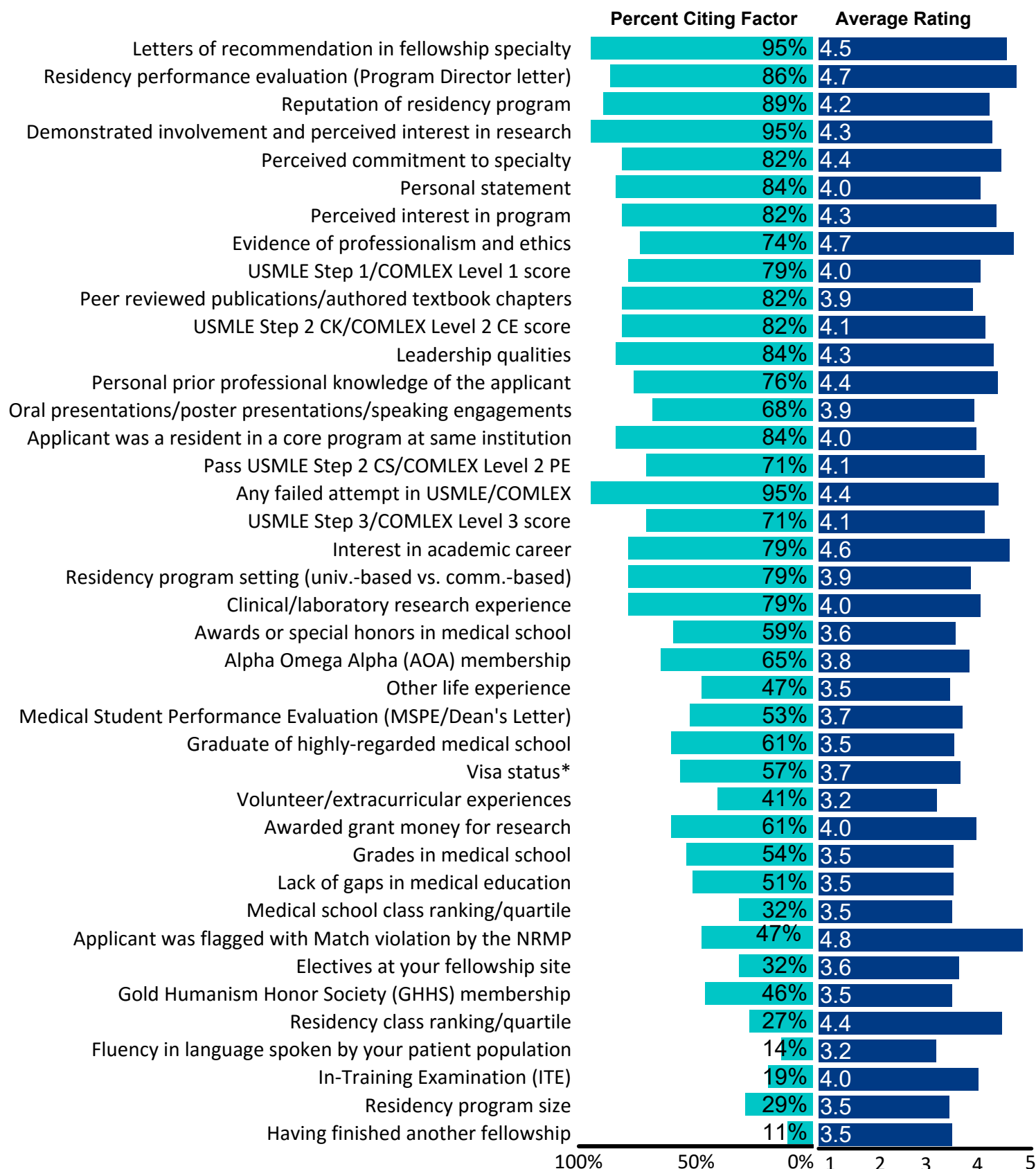
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	91	92	90
Number of positions in the Match	252	242	241
Number of applicants ranking specialty	249	295	248

* Source: NRMP Data Warehouse

Figure-1

Neonatal-Perinatal Medicine

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=38)



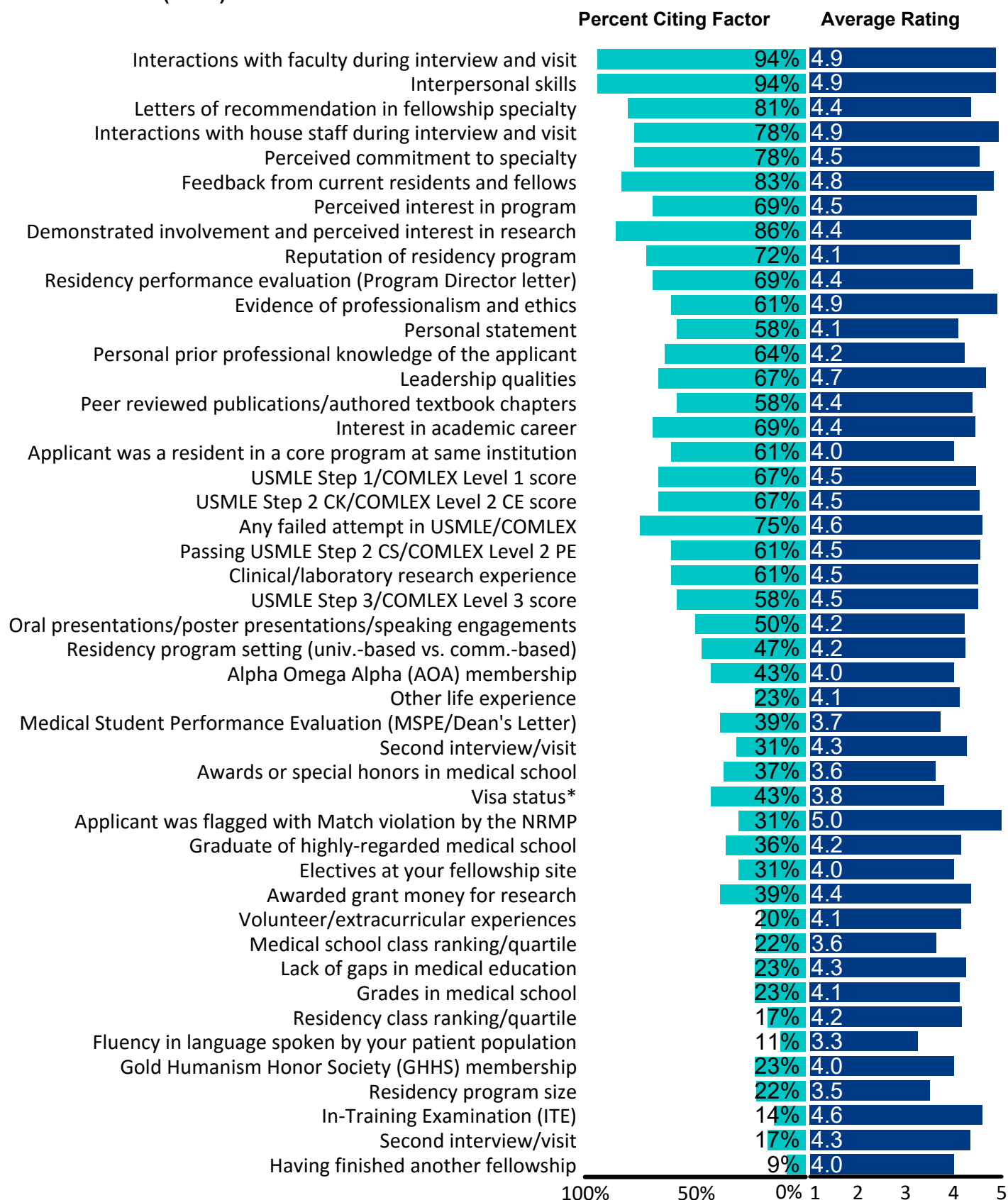
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Neonatal-Perinatal Medicine

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=38)



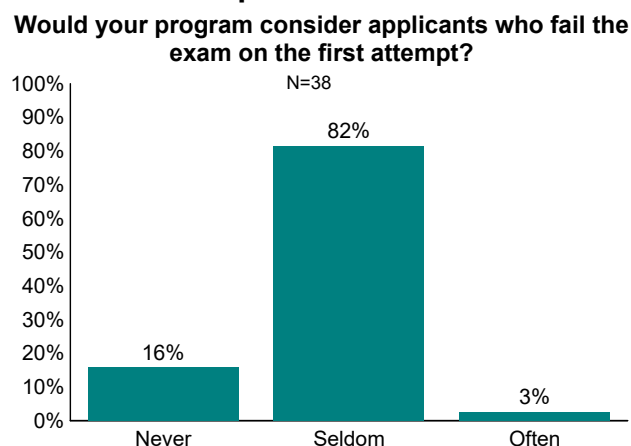
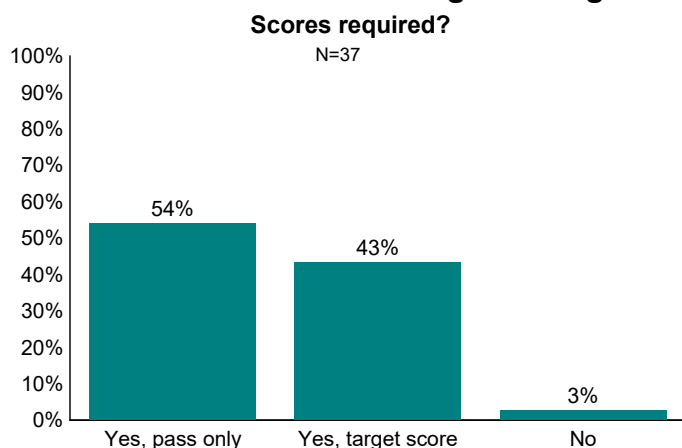
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

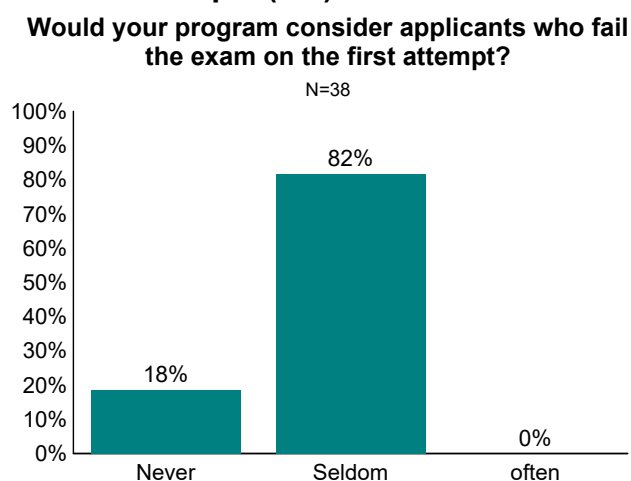
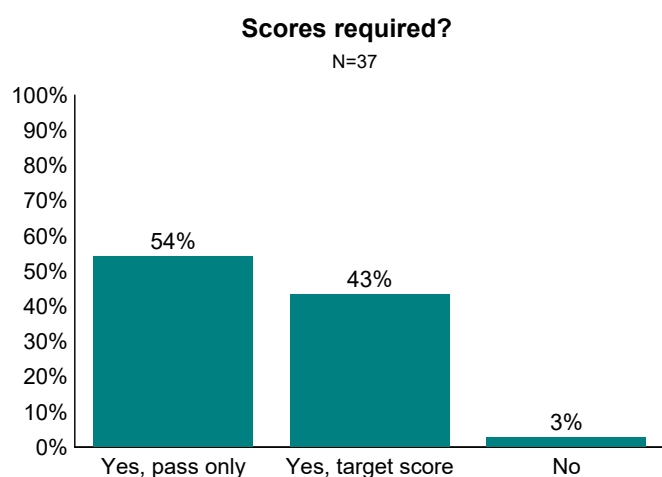
Figure-3

**Neonatal-Perinatal Medicine
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

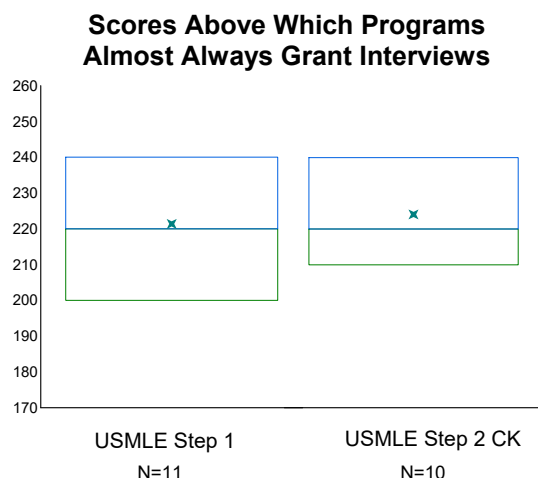
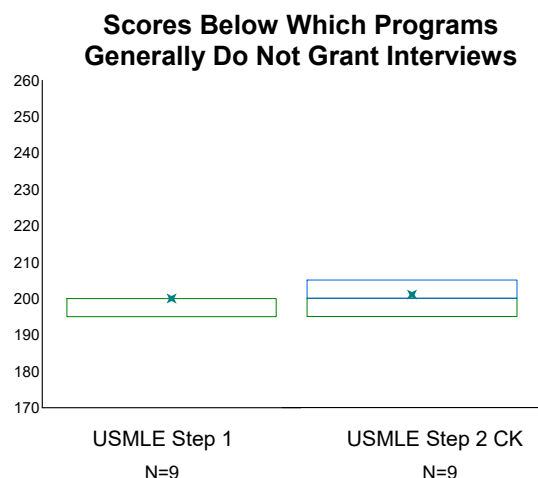
Percentage of Programs That Use USMLE Step 1 Score



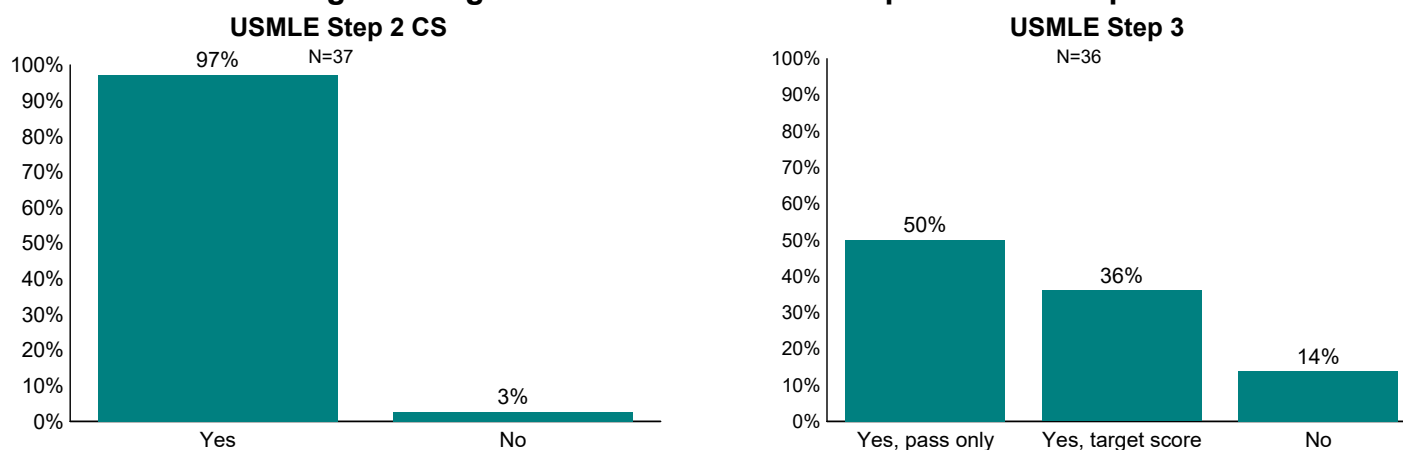
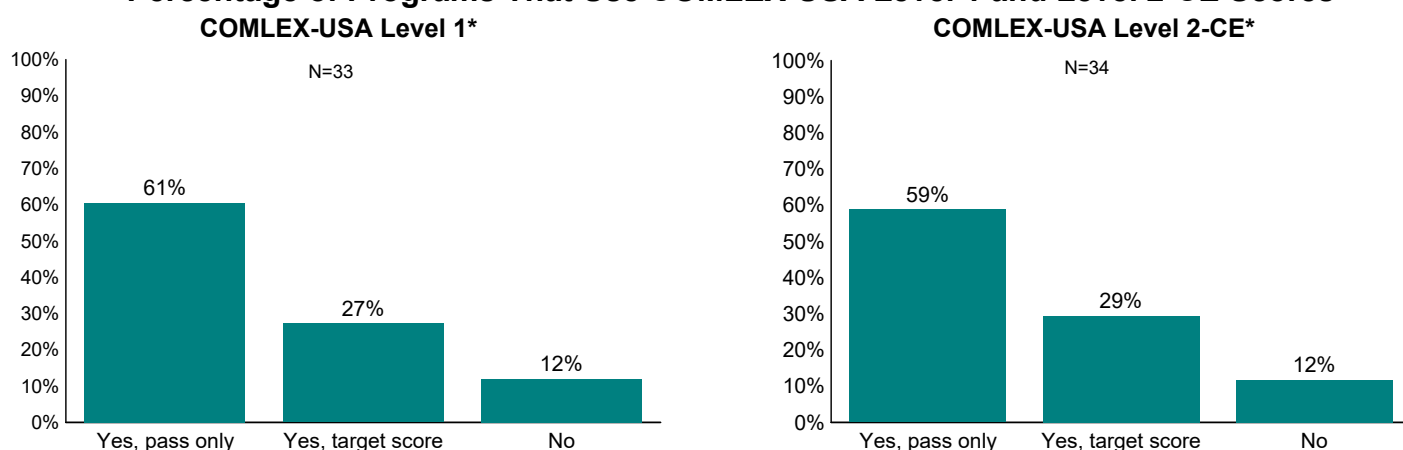
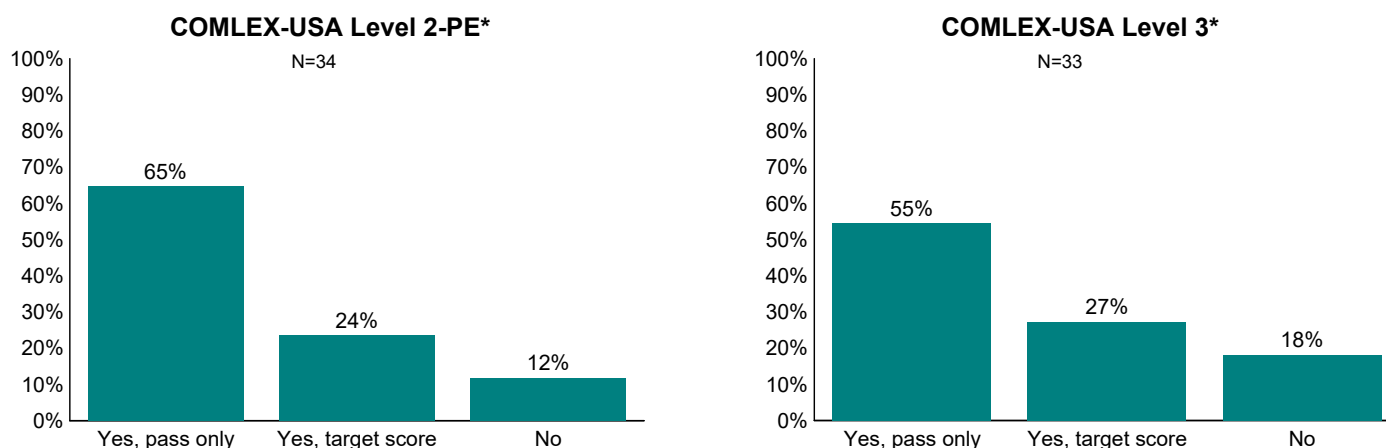
Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**



*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4**Neonatal-Perinatal Medicine****Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview****Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores****Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores****Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores**

* Osteopathic applicants only

Figure-5

Neonatal-Perinatal Medicine Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

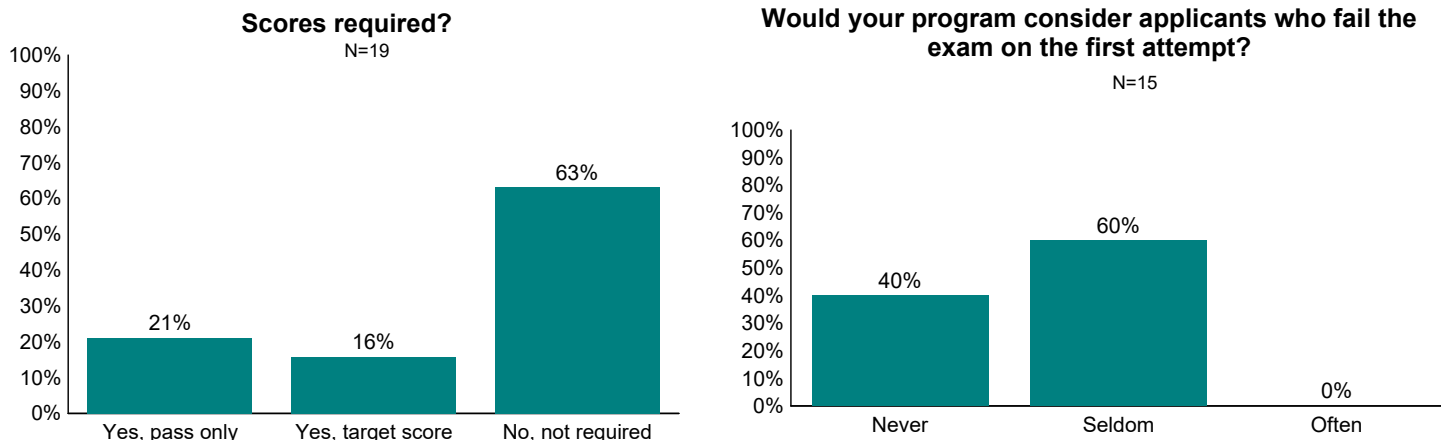


Figure-6

Neonatal-Perinatal Medicine Programs Positions

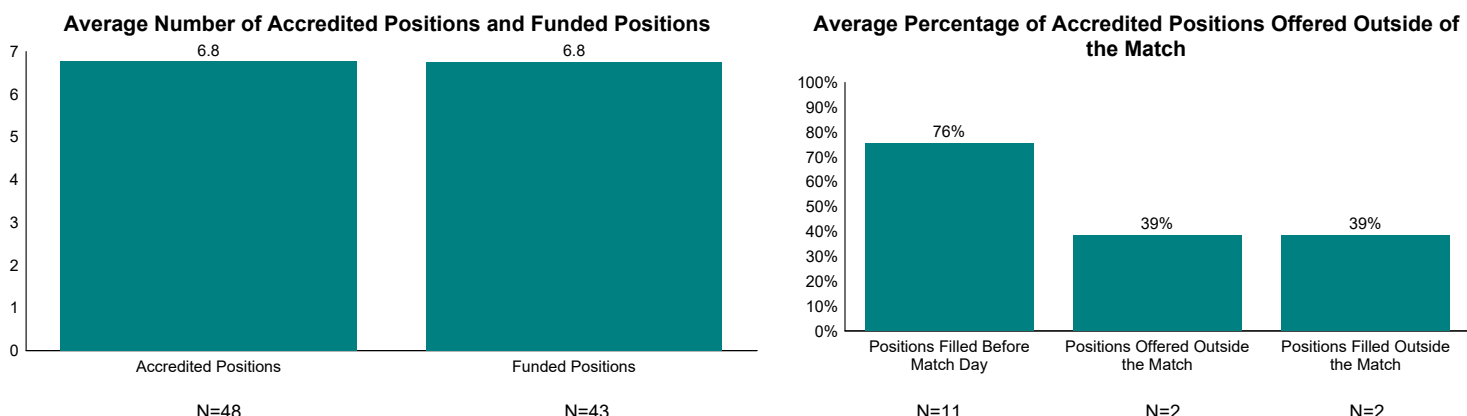
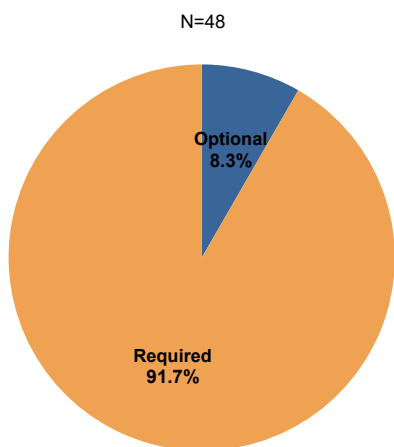


Figure-7

Neonatal-Perinatal Medicine Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

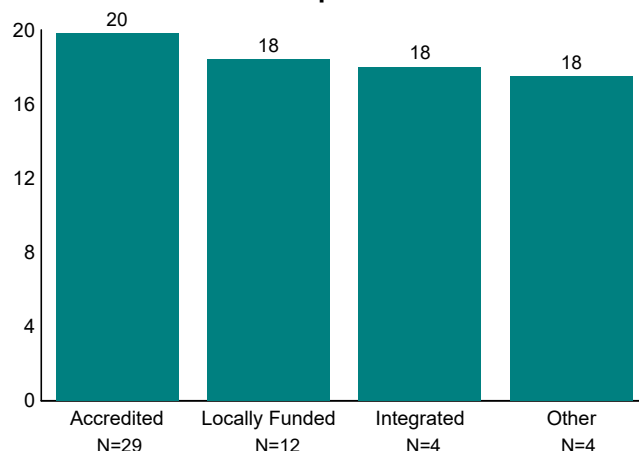
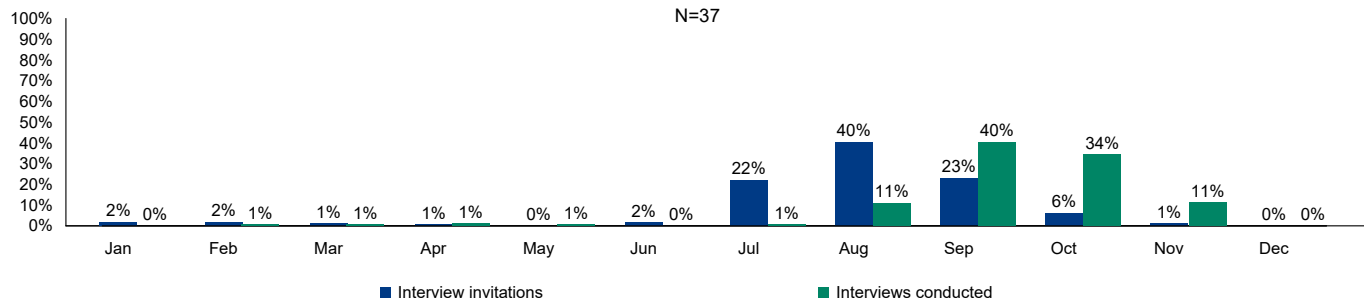


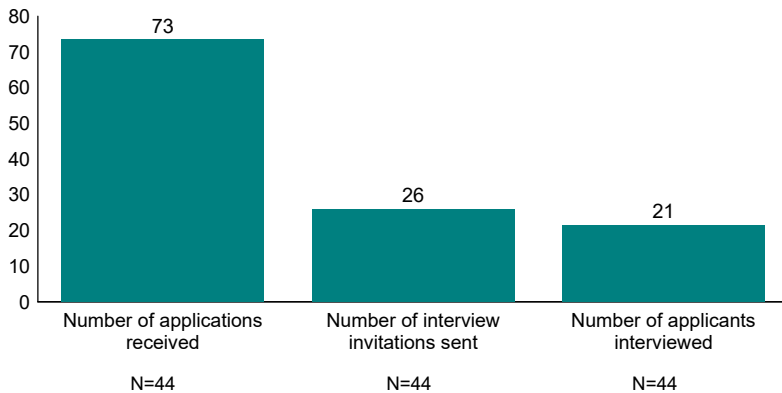
Figure-8

Neonatal-Perinatal Medicine Program's Interview Activities

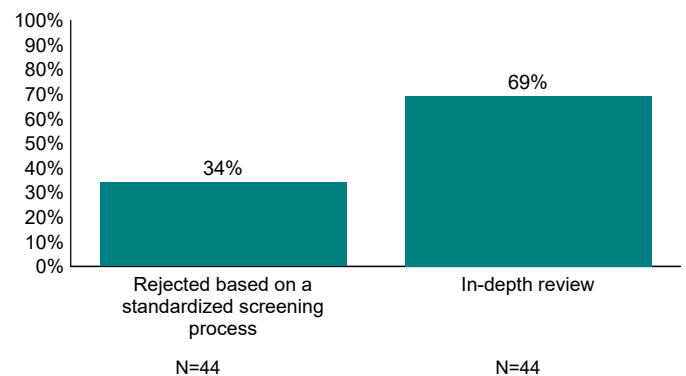
Interview Invitations Sent and Interviews Conducted



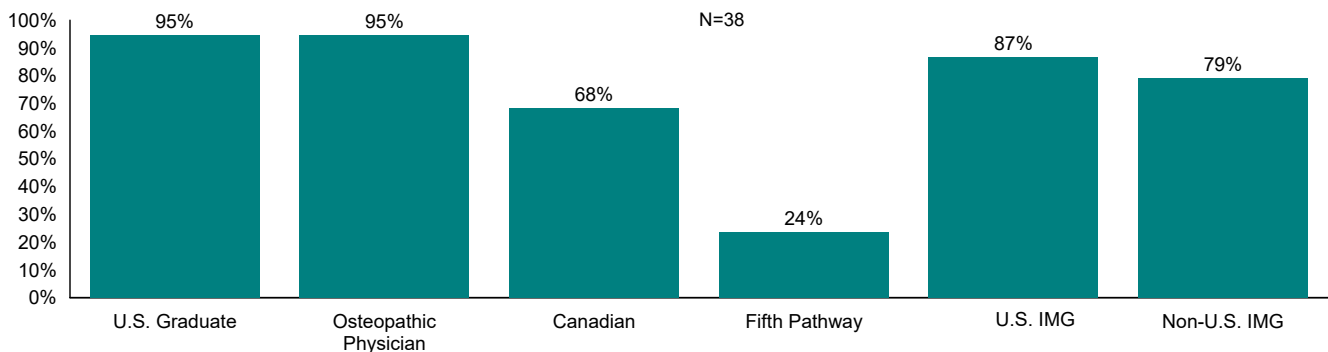
Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked



Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type
21% of Neonatal-Perinatal Medicine programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

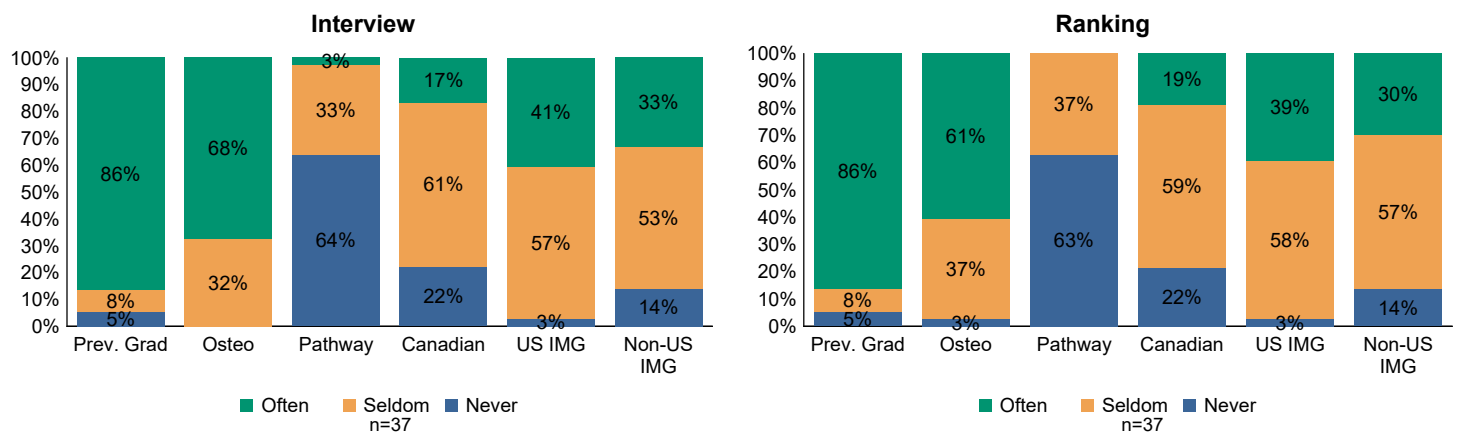


Figure-9

**Neonatal-Perinatal Medicine
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=35

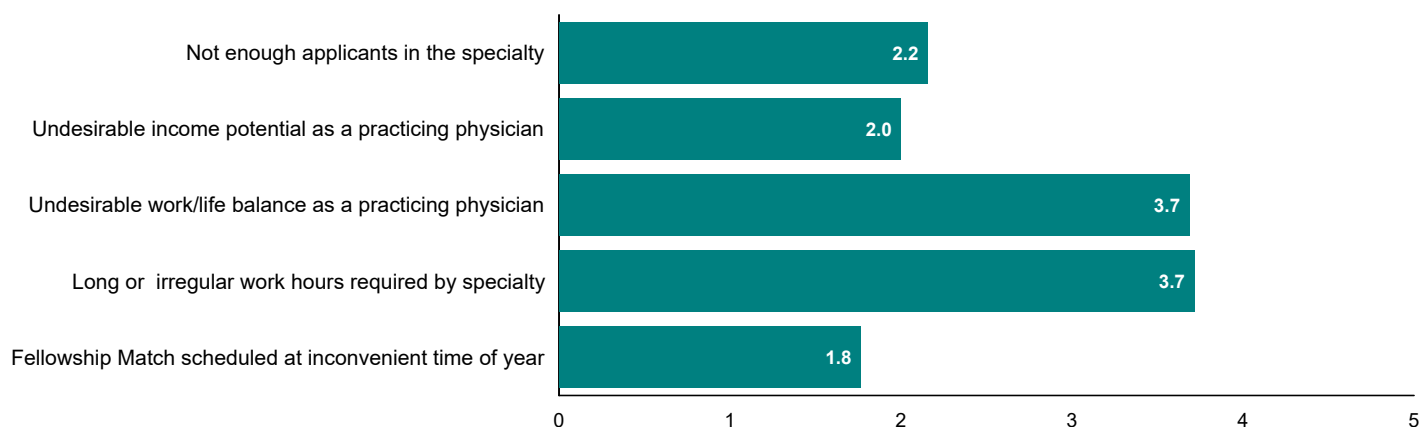


Figure-10

**Neonatal-Perinatal Medicine
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=36

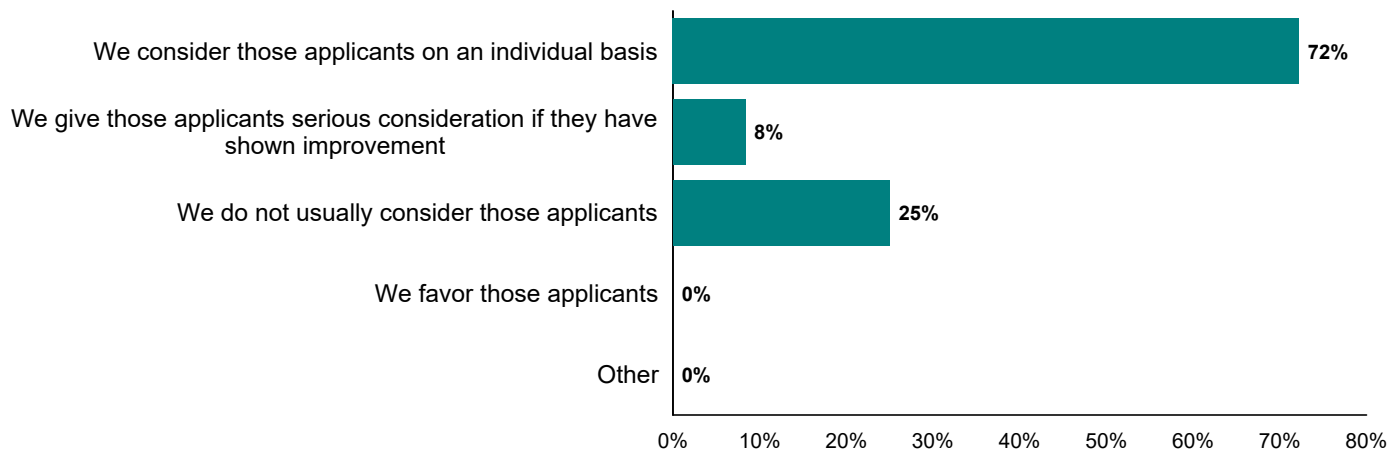
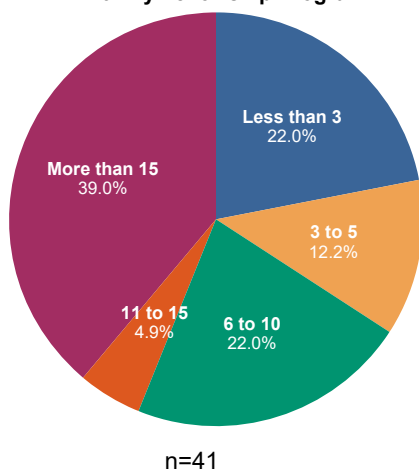


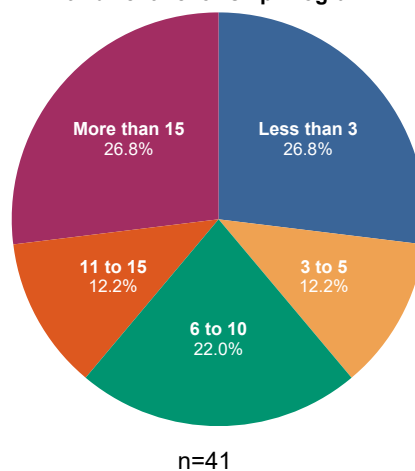
Figure-11

**Neonatal-Perinatal Medicine
Years as Program Director**

At Any Fellowship Program



At Current Fellowship Program





Nephrology

2016 Survey

Number of responses	45
Response rate	33.3%

Match Information*

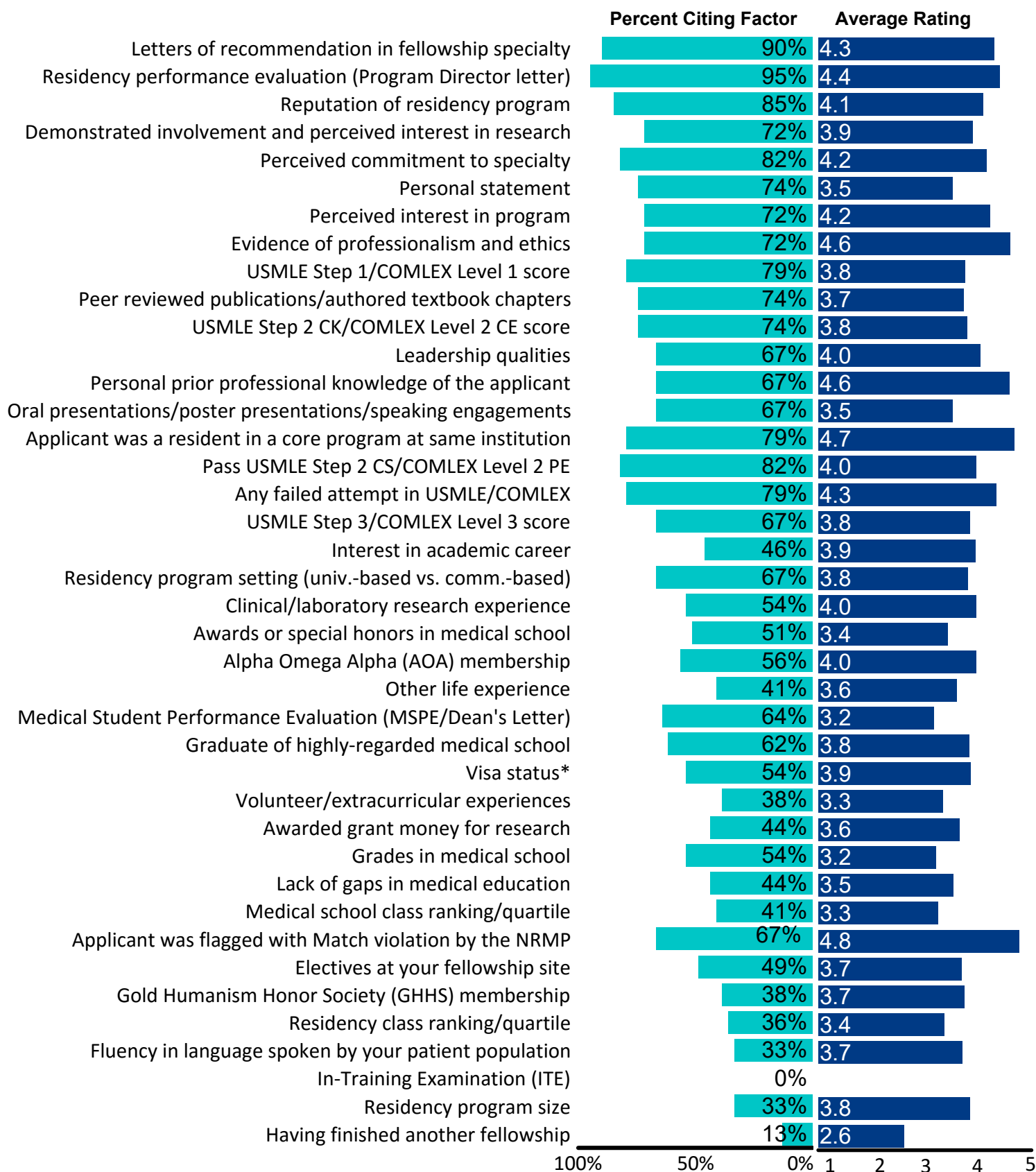
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	158	134	145
Number of positions in the Match	466	374	403
Number of applicants ranking specialty	298	276	323

* Source: NRMP Data Warehouse

Figure-1

Nephrology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=39)



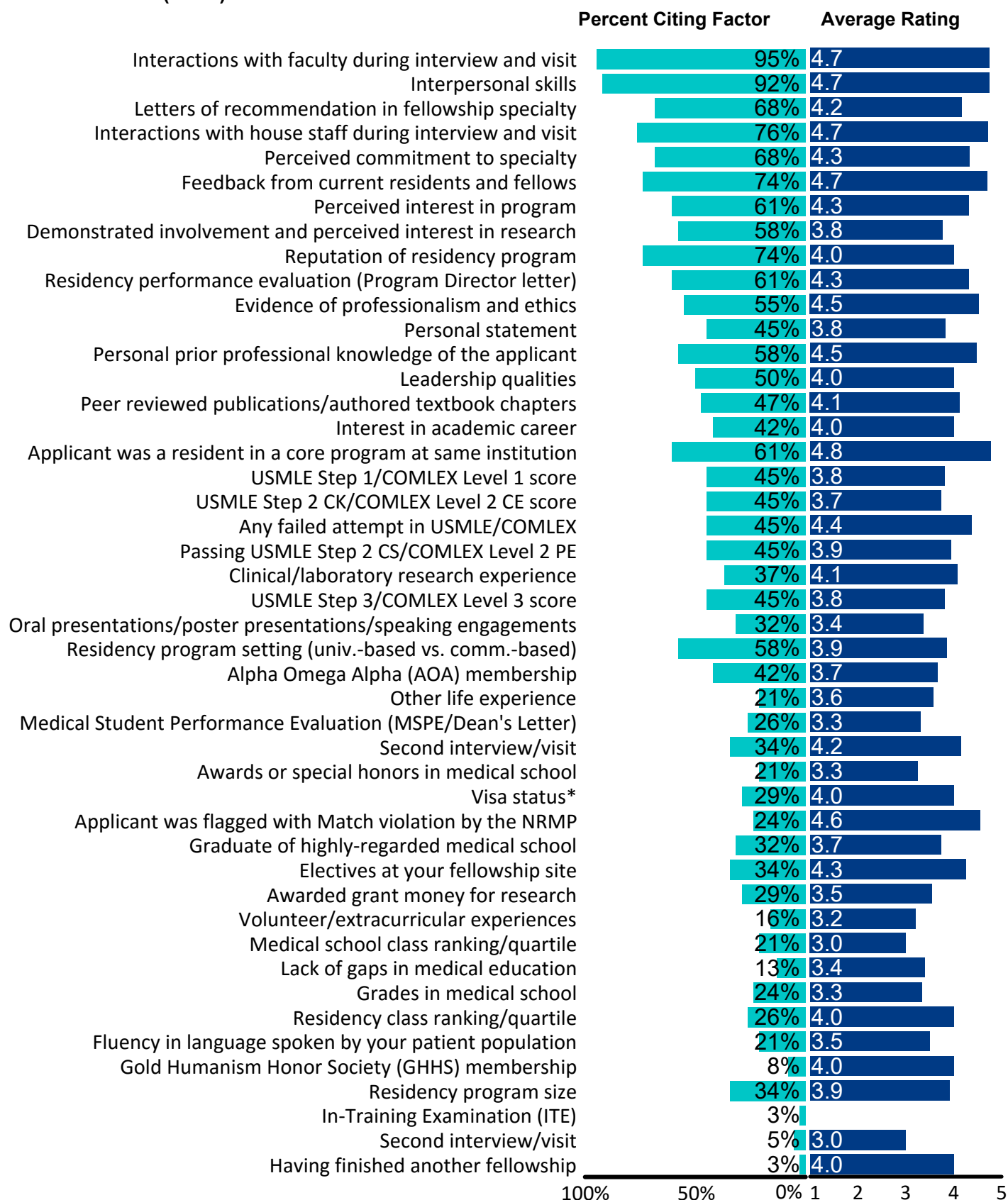
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Nephrology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=39)



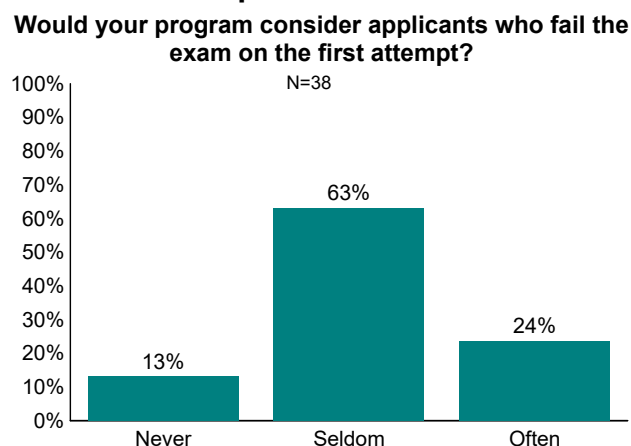
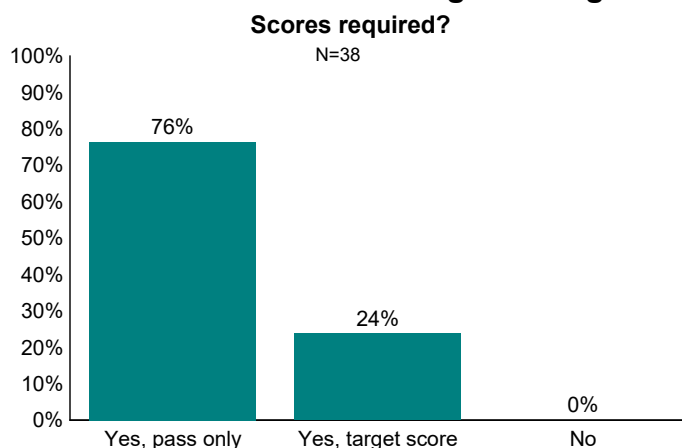
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

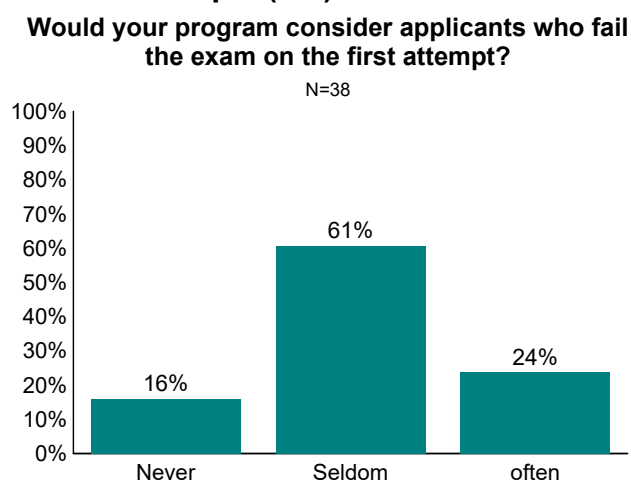
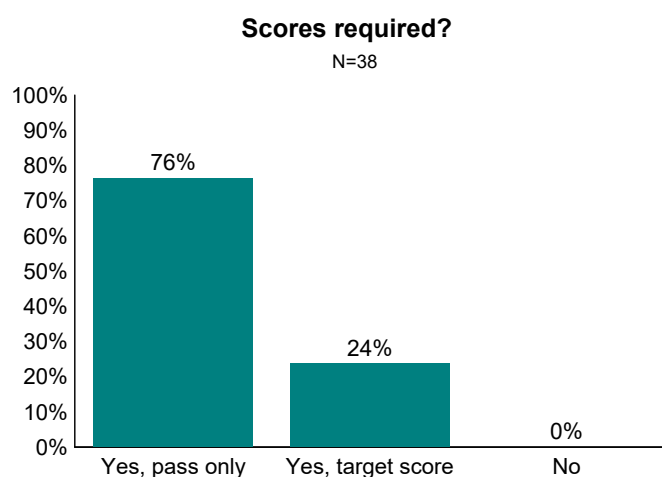
Figure-3

**Nephrology
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

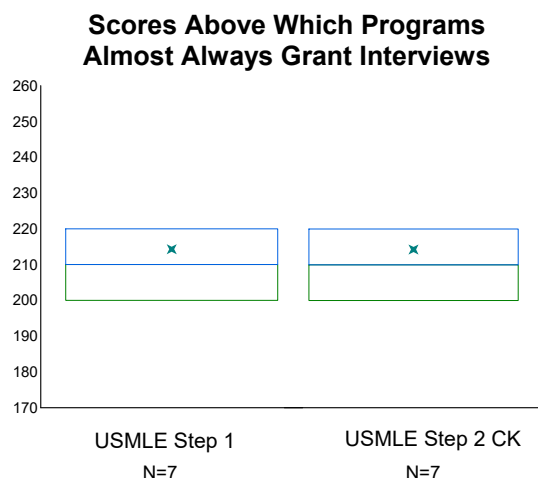
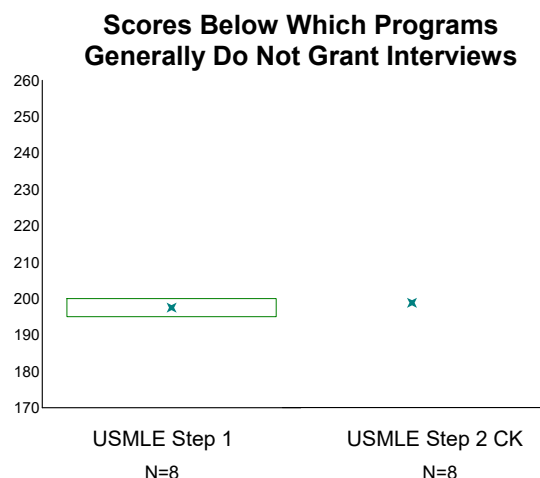
Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**



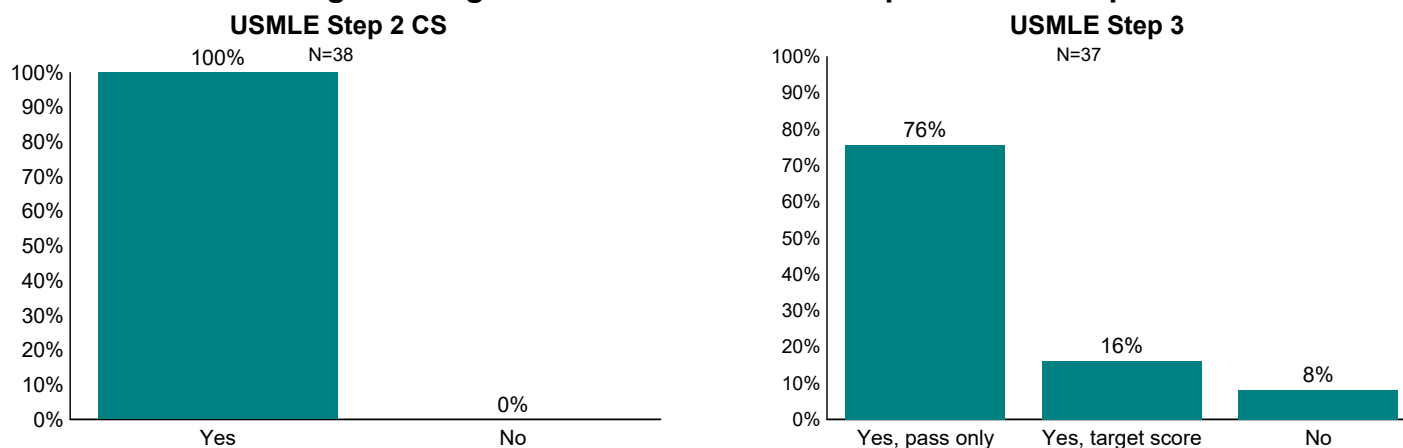
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

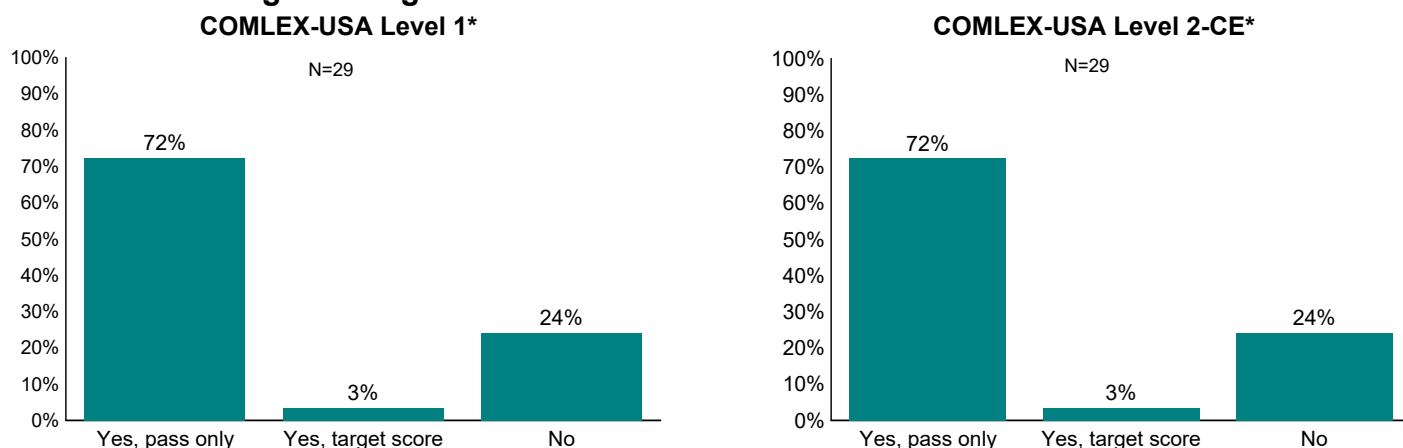
Nephrology

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

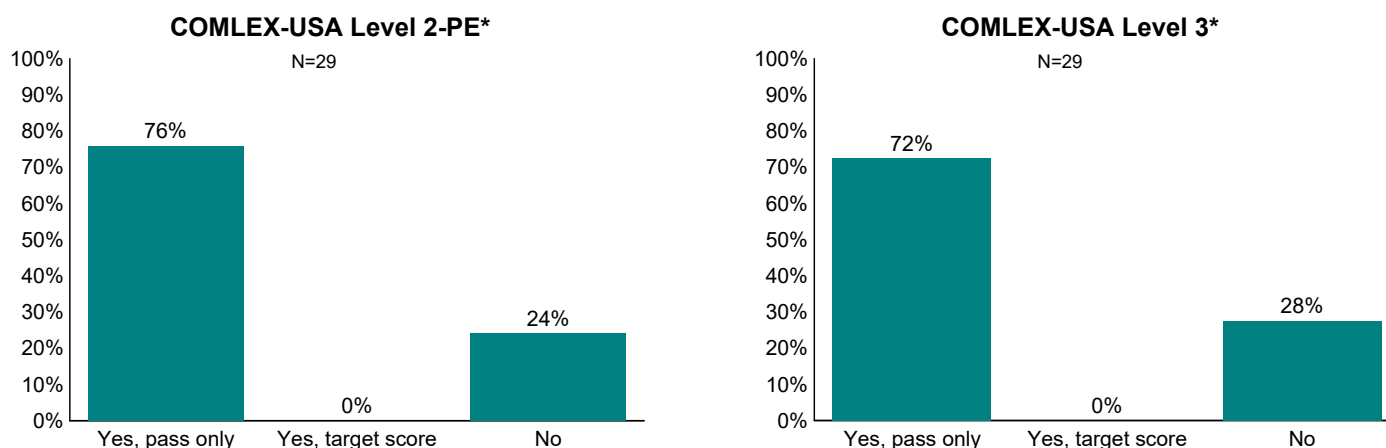
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Nephrology Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

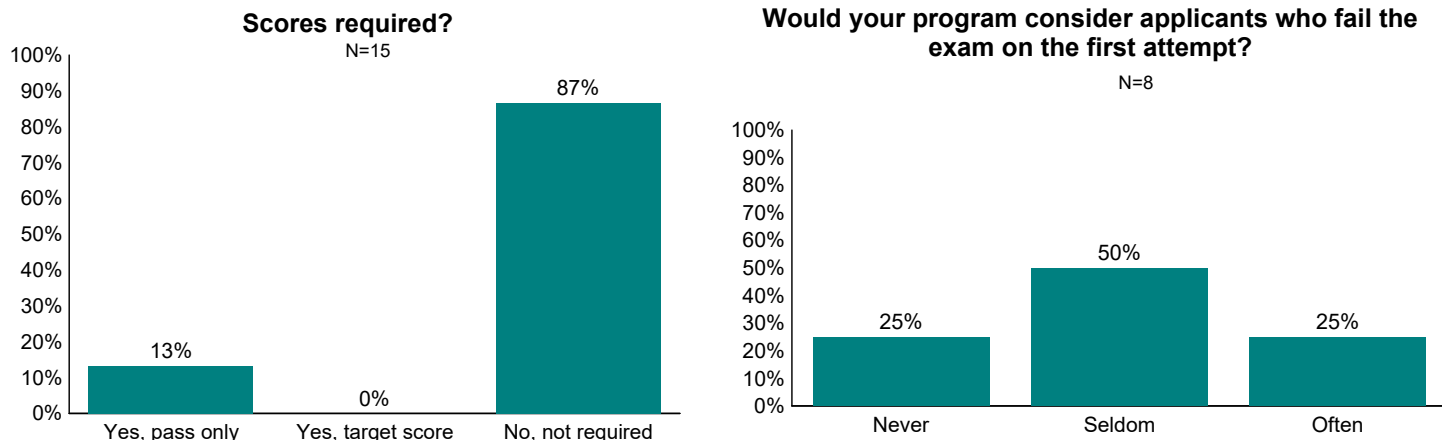


Figure-6

Nephrology Programs Positions

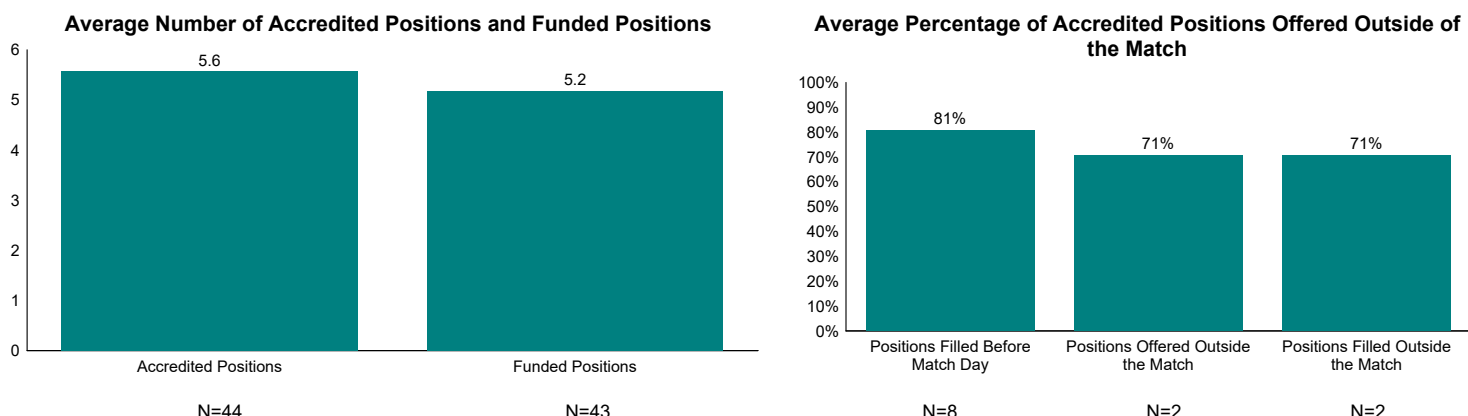
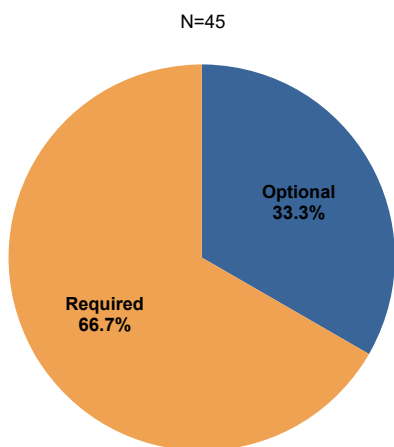


Figure-7

Nephrology Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

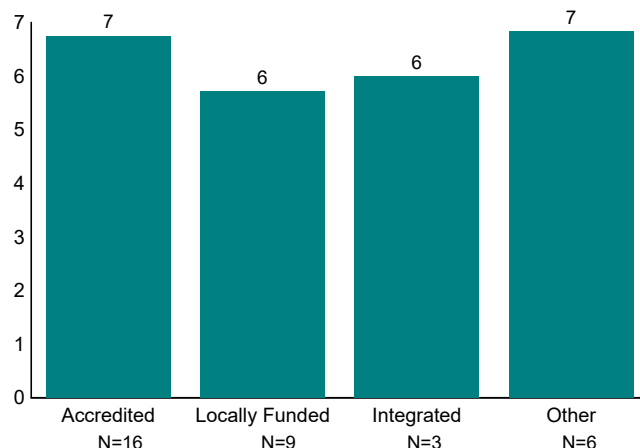
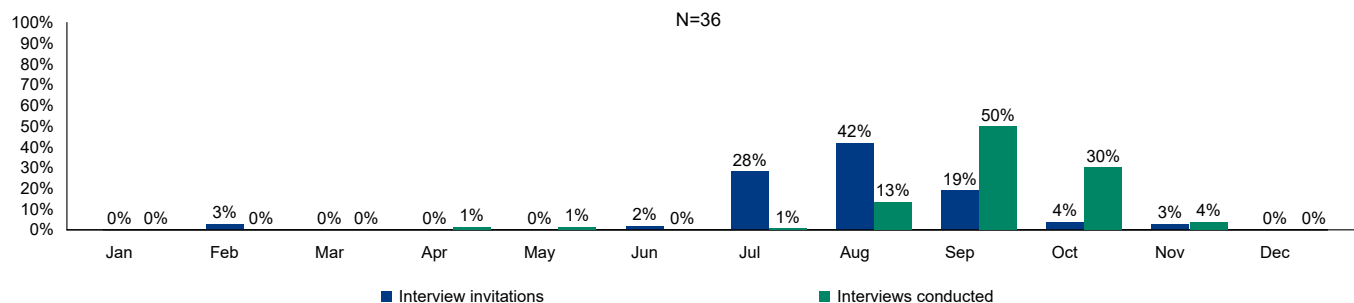


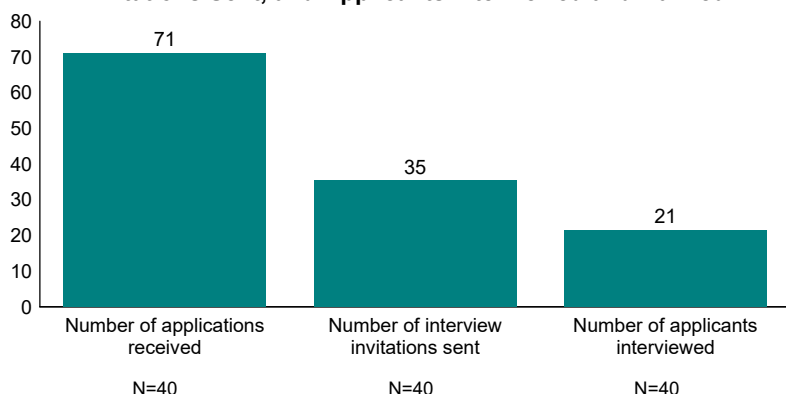
Figure-8

Nephrology Program's Interview Activities

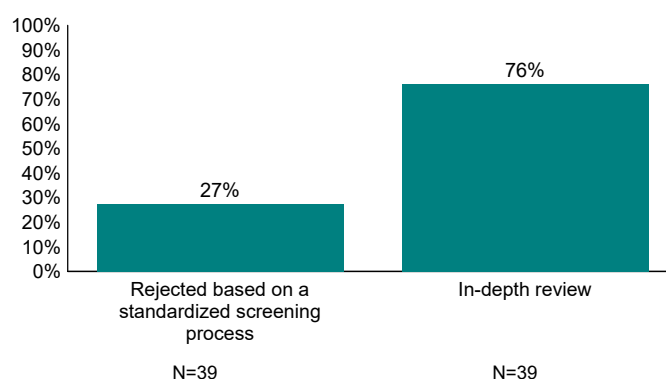
Interview Invitations Sent and Interviews Conducted



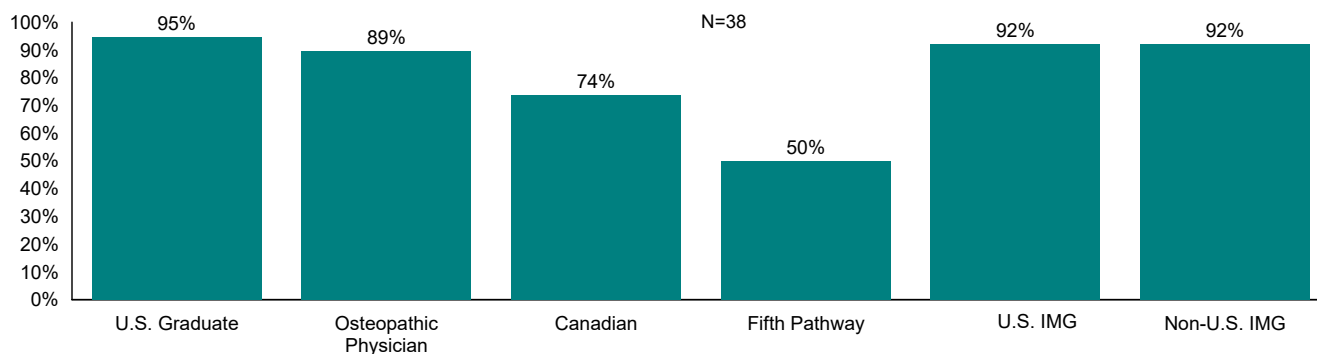
Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked



Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type
45% of Nephrology programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

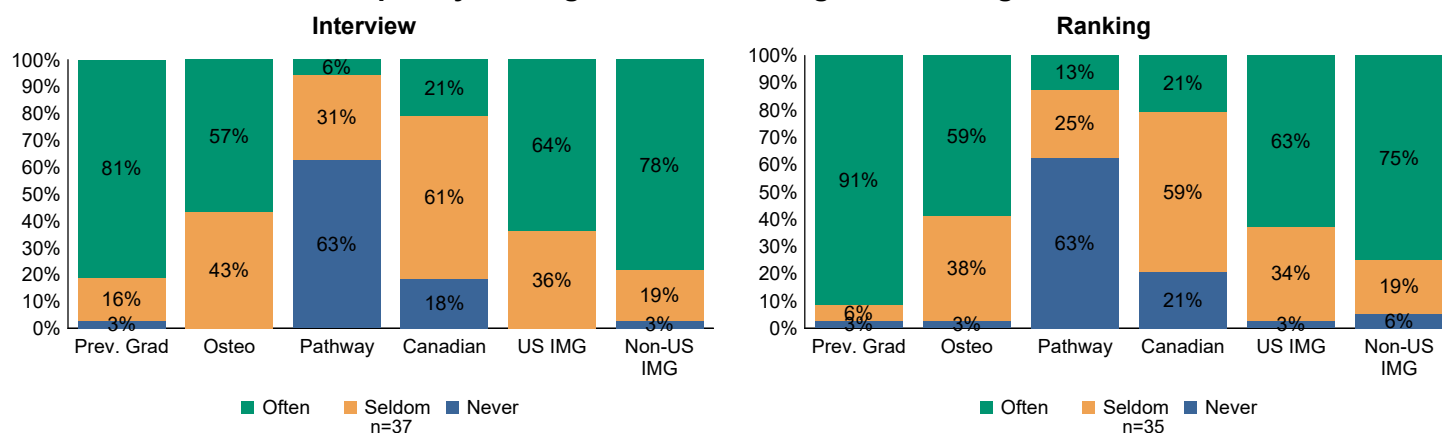


Figure-9

**Nephrology
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=38

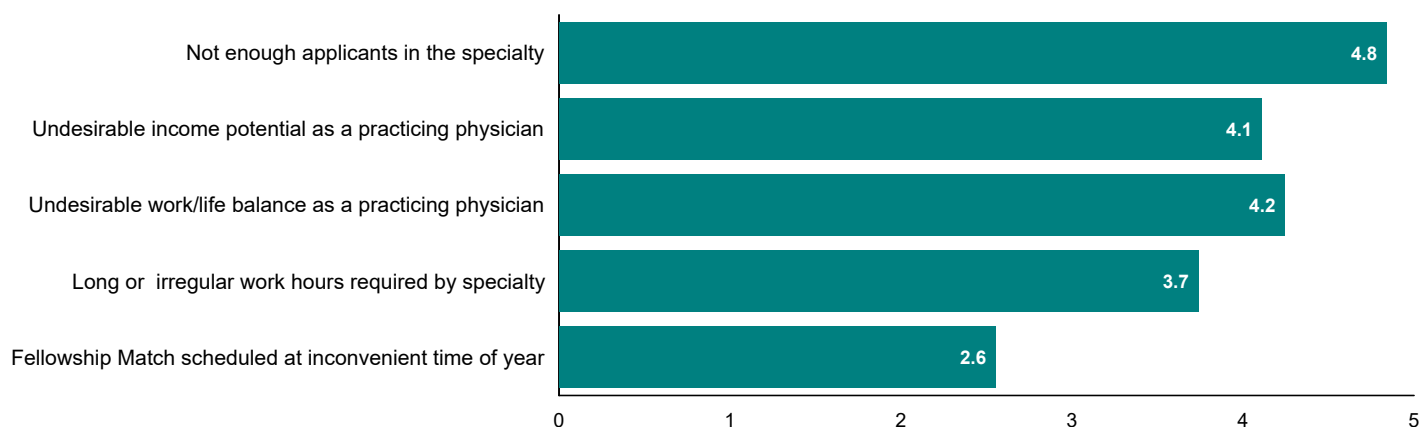


Figure-10

**Nephrology
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=37

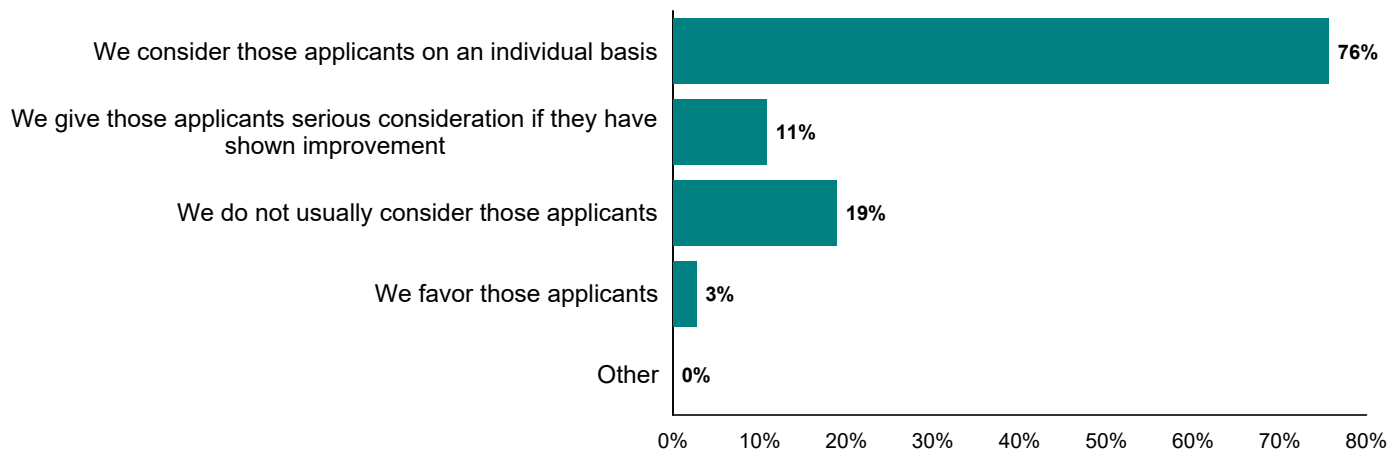
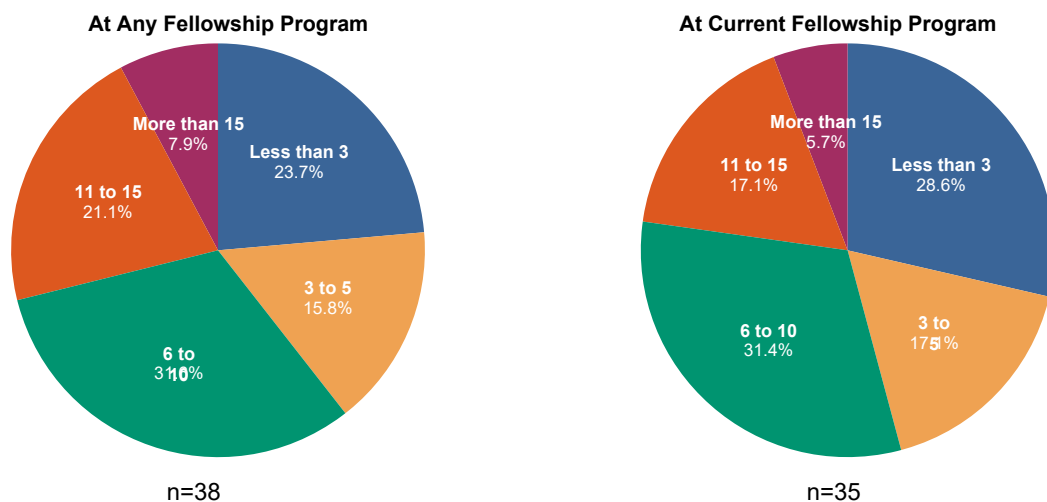


Figure-11

**Nephrology
Years as Program Director**





Neuroradiology

2016 Survey

Number of responses	25
Response rate	34.2%

Match Information*

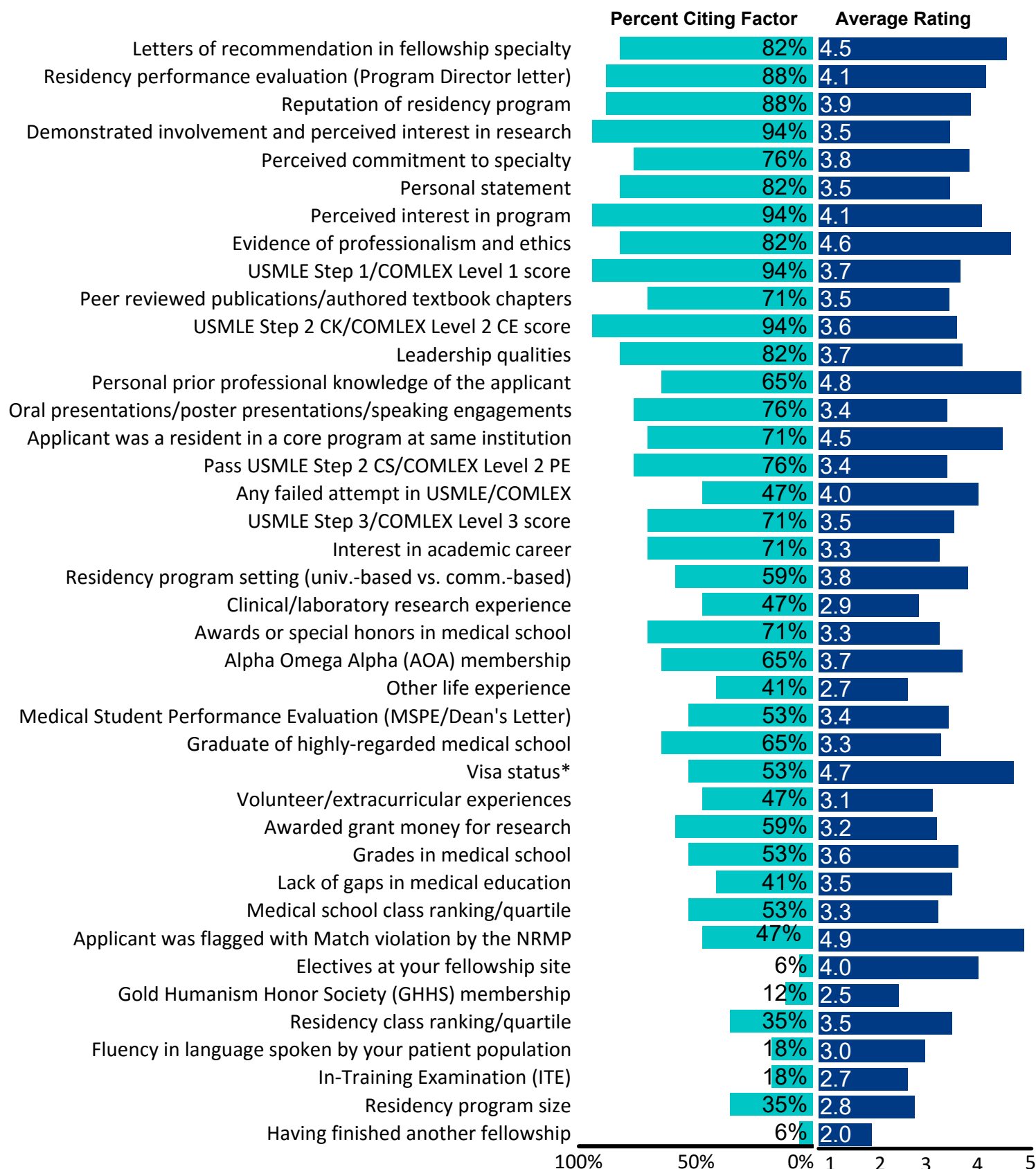
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	75	77	72
Number of positions in the Match	226	222	219
Number of applicants ranking specialty	189	175	193

* Source: NRMP Data Warehouse

Figure-1

Neuroradiology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=17)



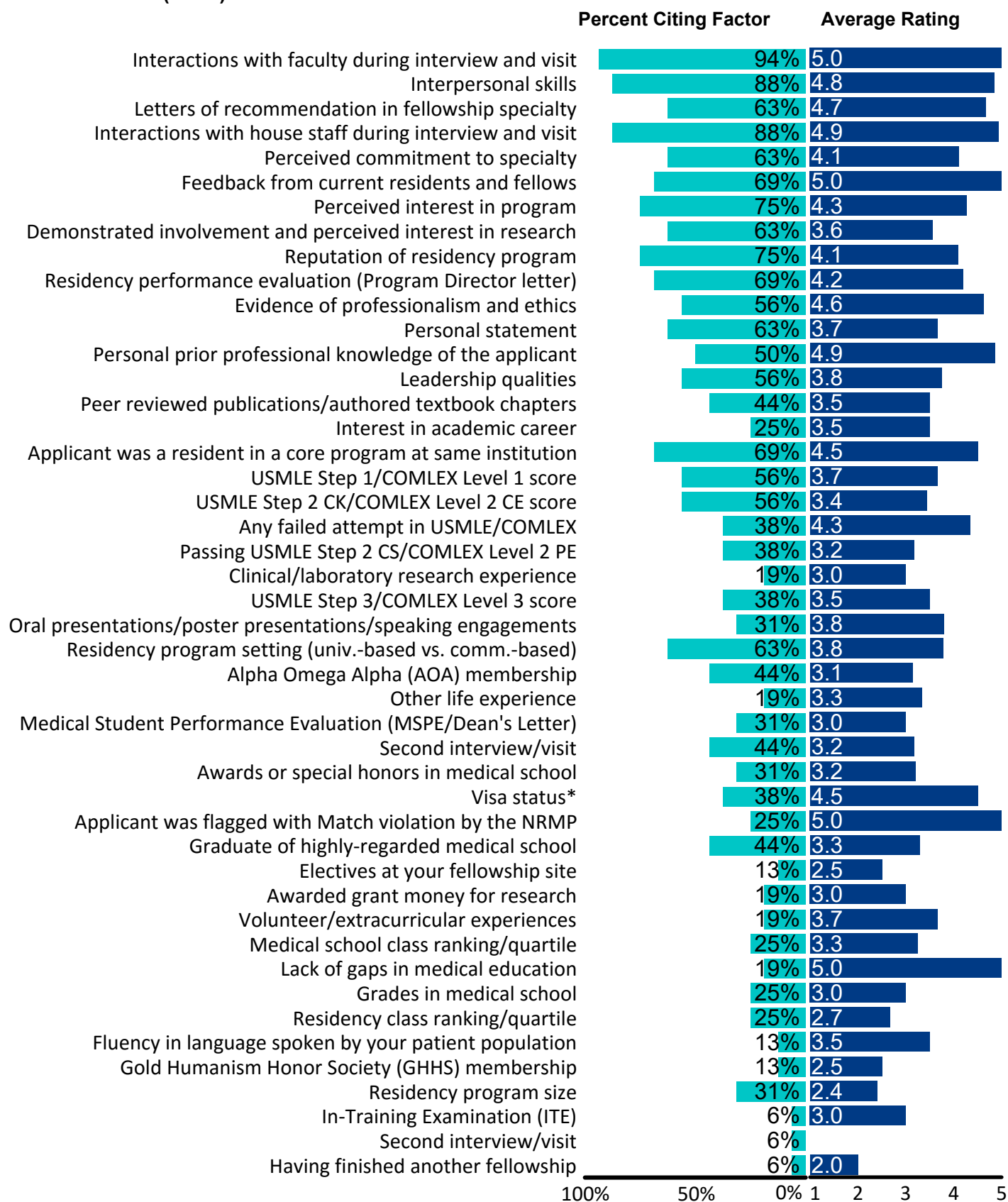
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Neuroradiology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=17)

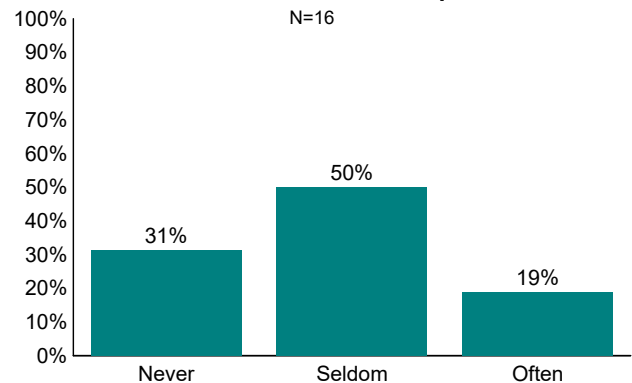
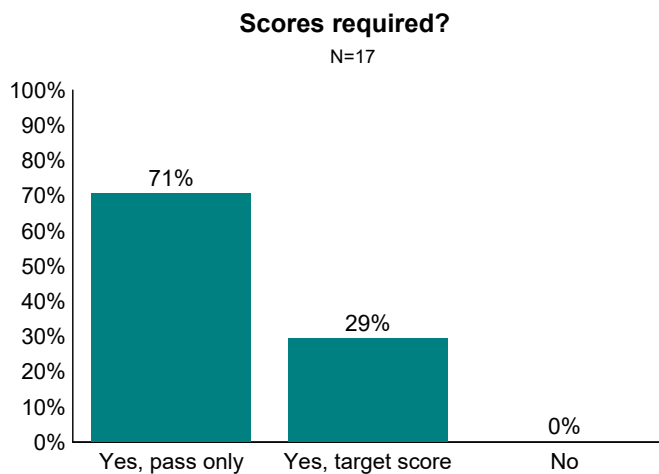


¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

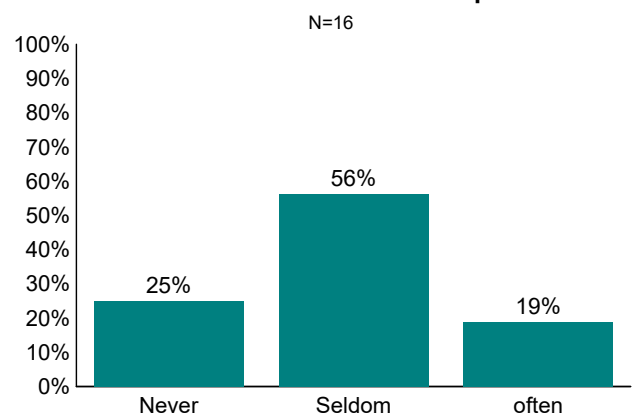
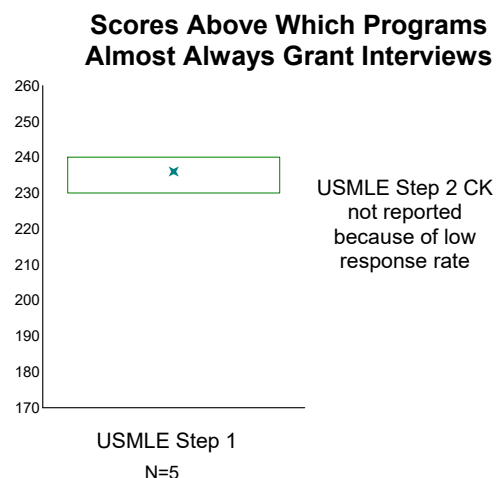
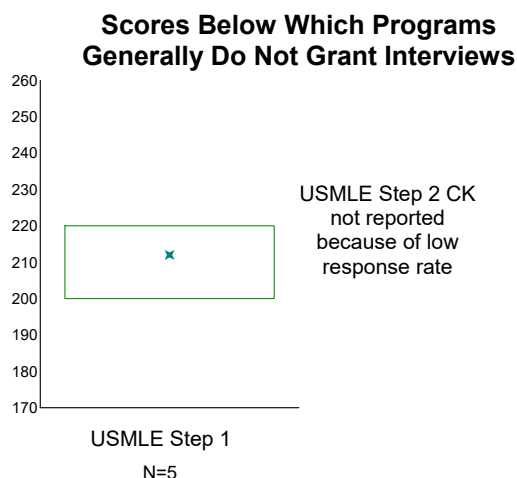
* International Medical Graduates only

Figure-3**Neuroradiology****Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When Considering Which Applicants to Interview****Percentage of Programs That Use USMLE Step 1 Score**

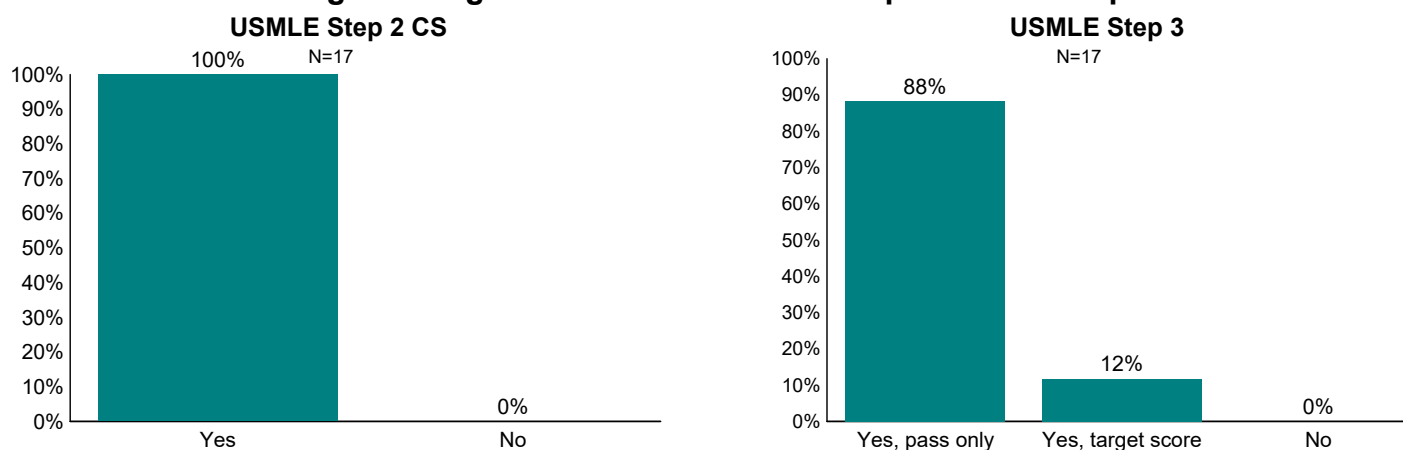
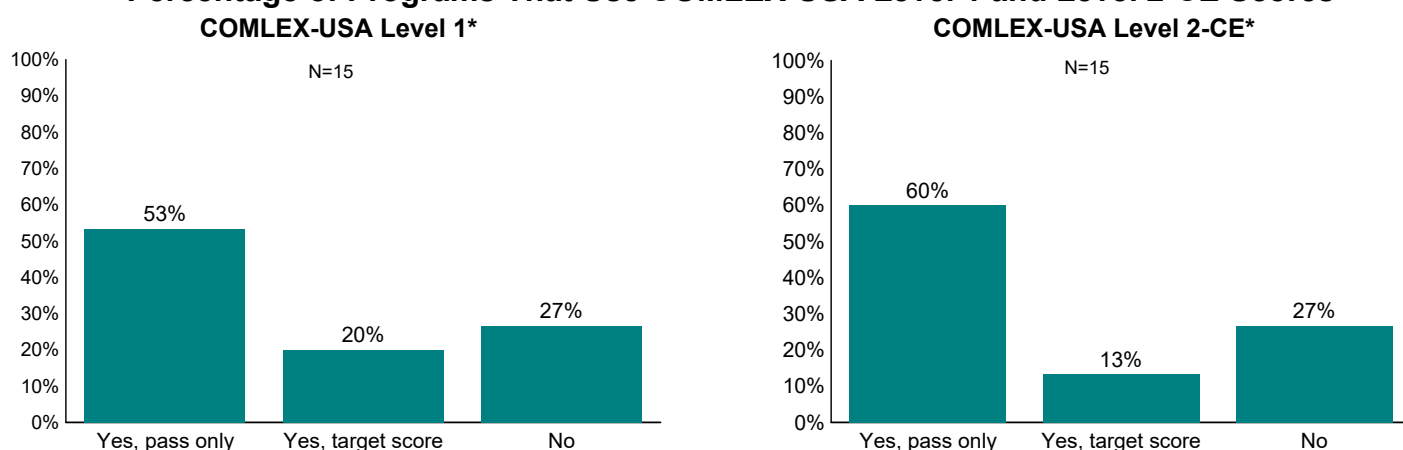
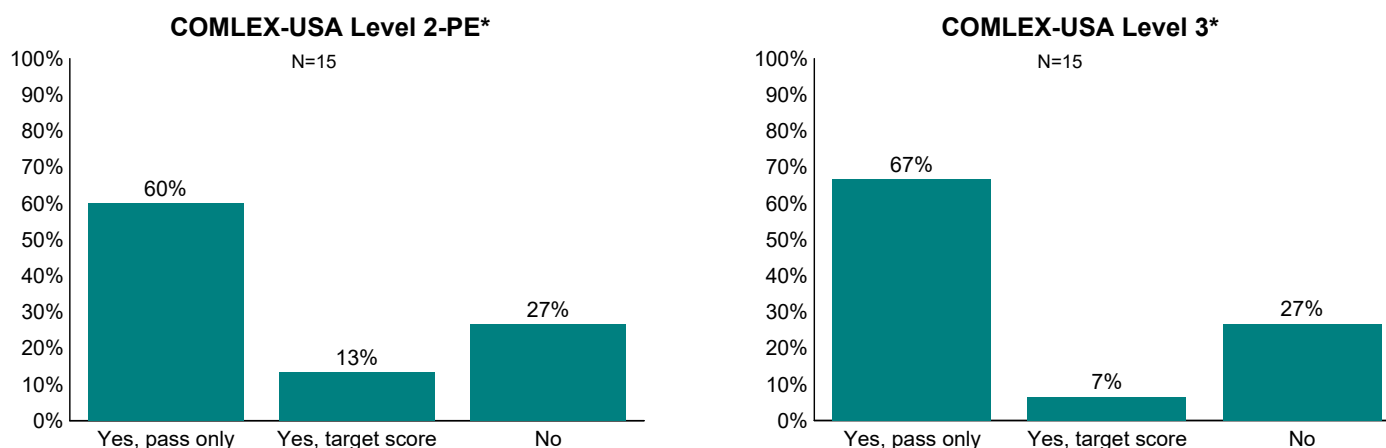
Would your program consider applicants who fail the exam on the first attempt?
N=16

**Percentage of Programs That Use USMLE Step 2 (CK) Score**

Would your program consider applicants who fail the exam on the first attempt?
N=16

**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs Consider When Granting Interviews**

*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4**Neuroradiology****Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview****Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores****Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores****Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores**

* Osteopathic applicants only

Figure-5

Neuroradiology Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

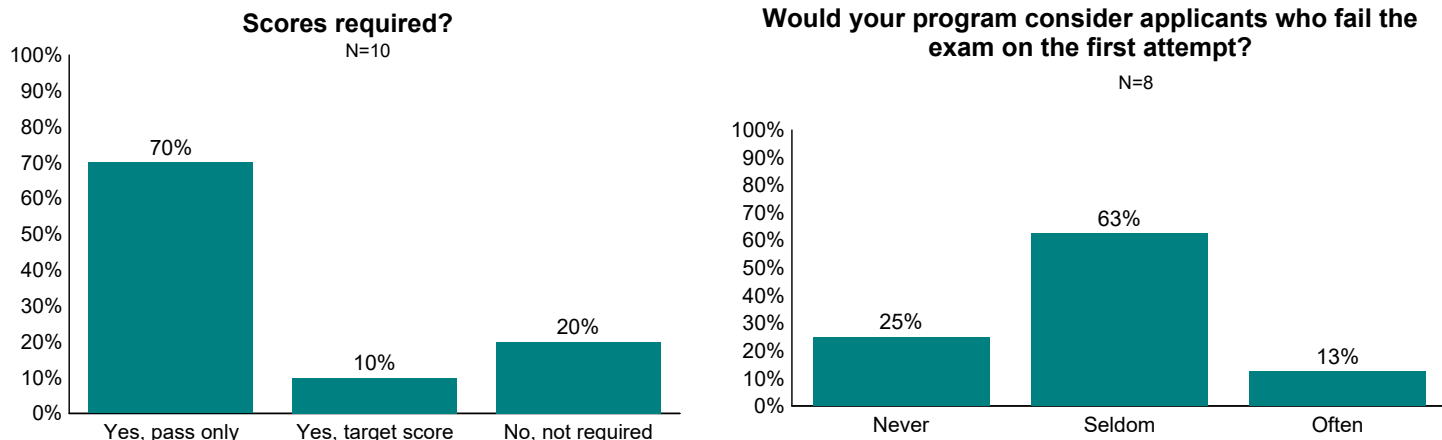


Figure-6

Neuroradiology Programs Positions

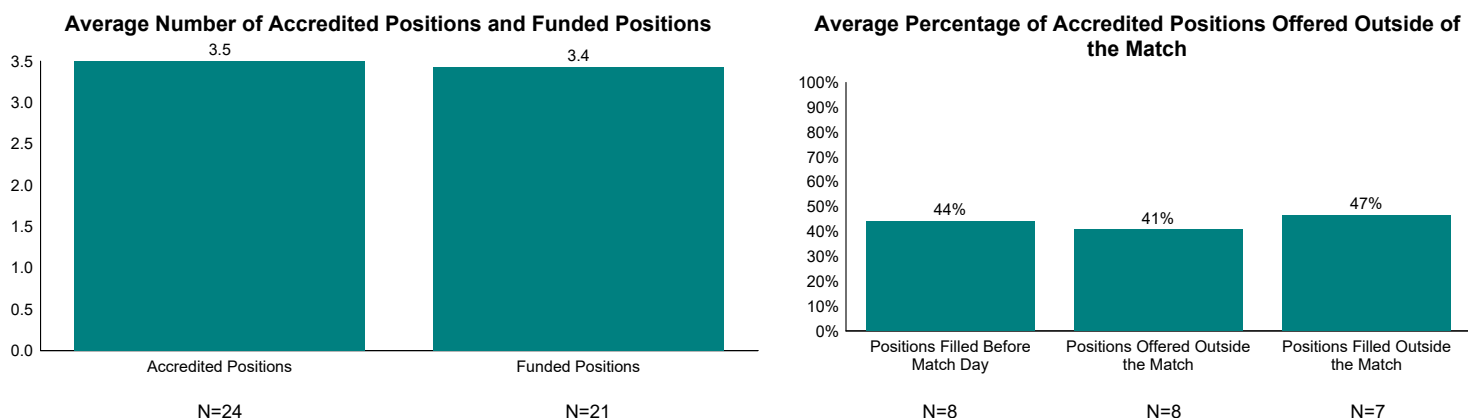
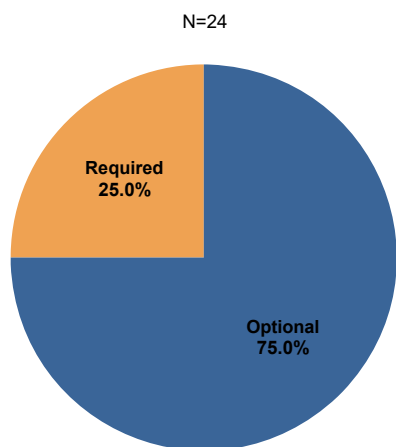


Figure-7

Neuroradiology Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

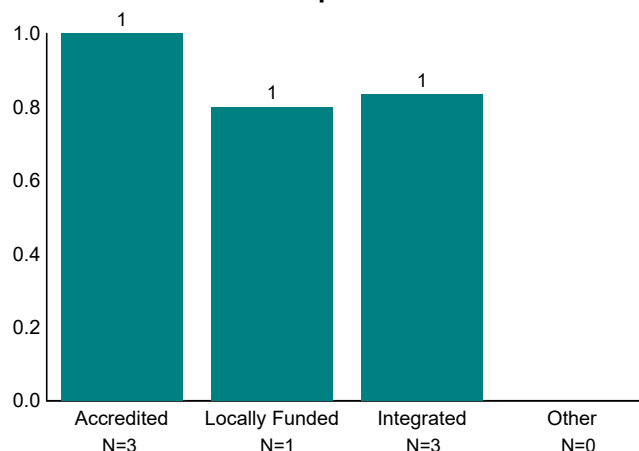
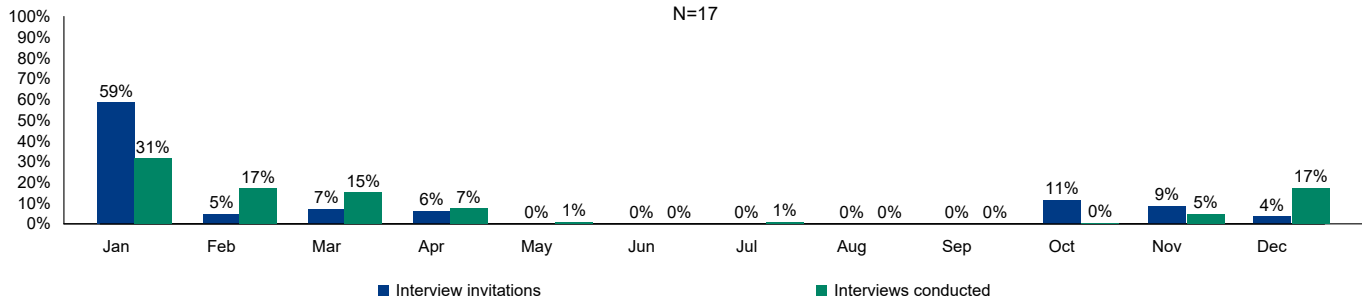


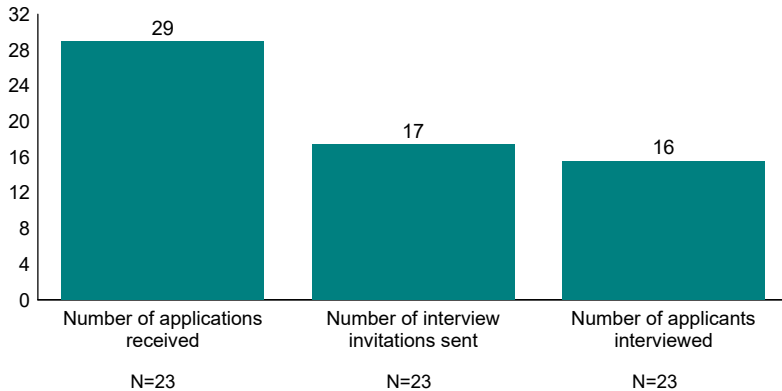
Figure-8

Neuroradiology Program's Interview Activities

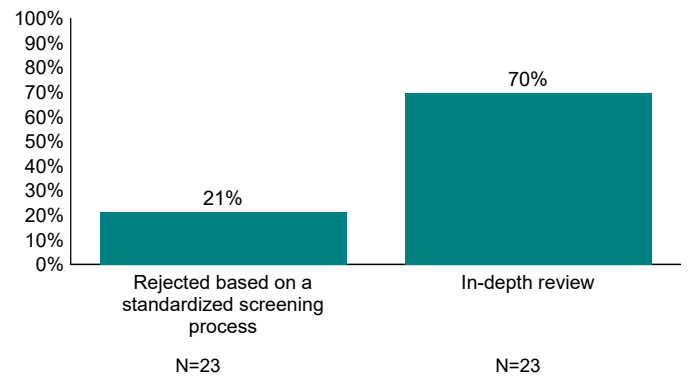
Interview Invitations Sent and Interviews Conducted



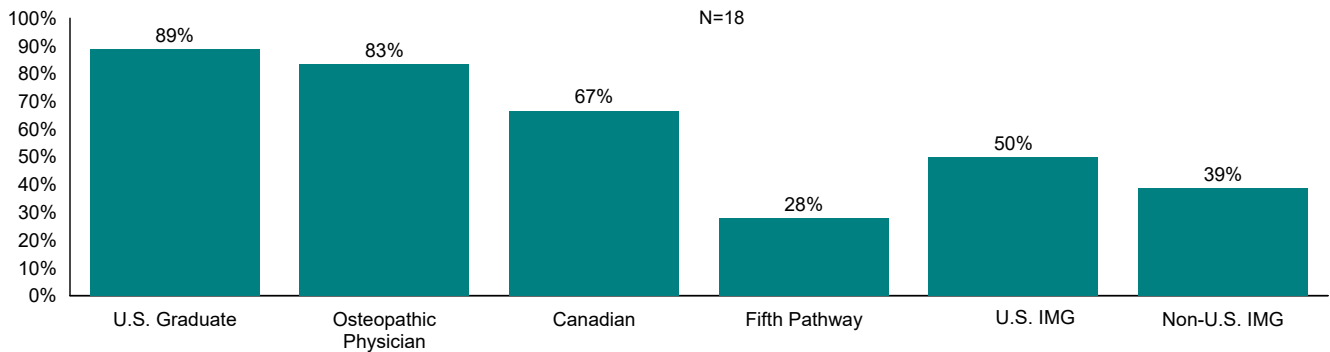
Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked



Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type
22% of Neuroradiology programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

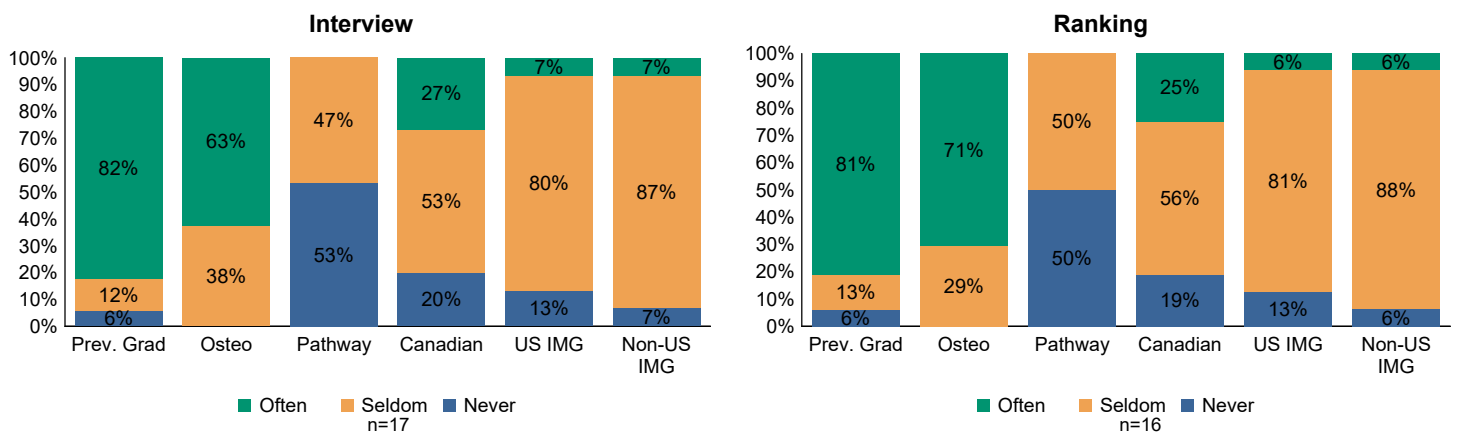


Figure-9

**Neuroradiology
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=15

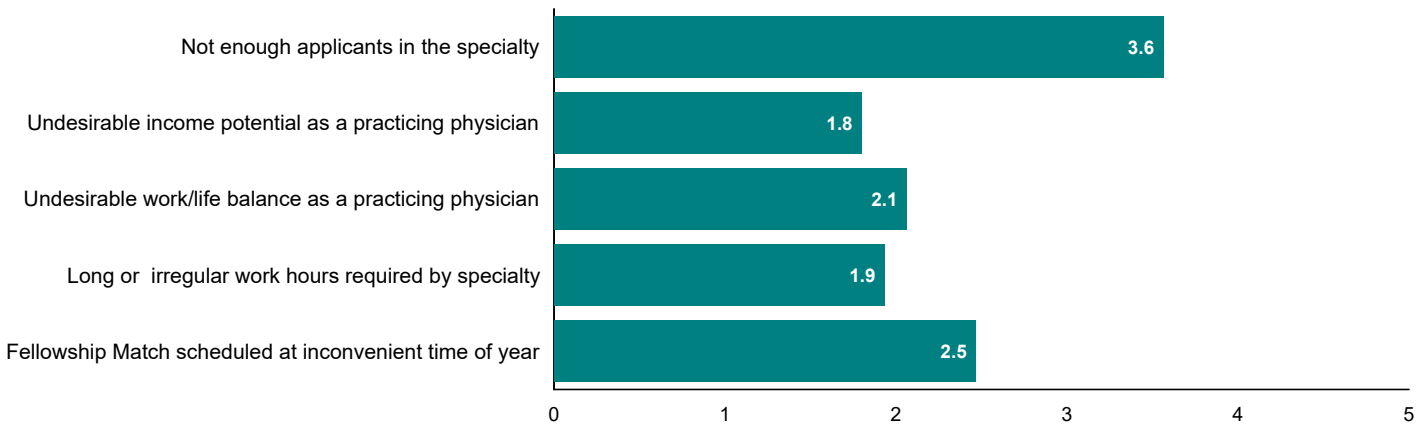


Figure-10

**Neuroradiology
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=14

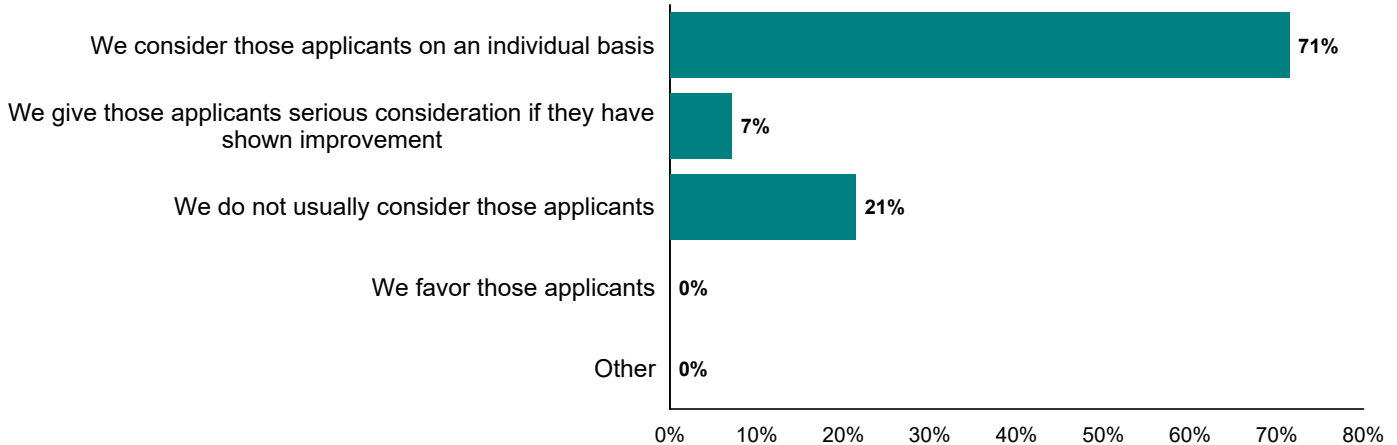
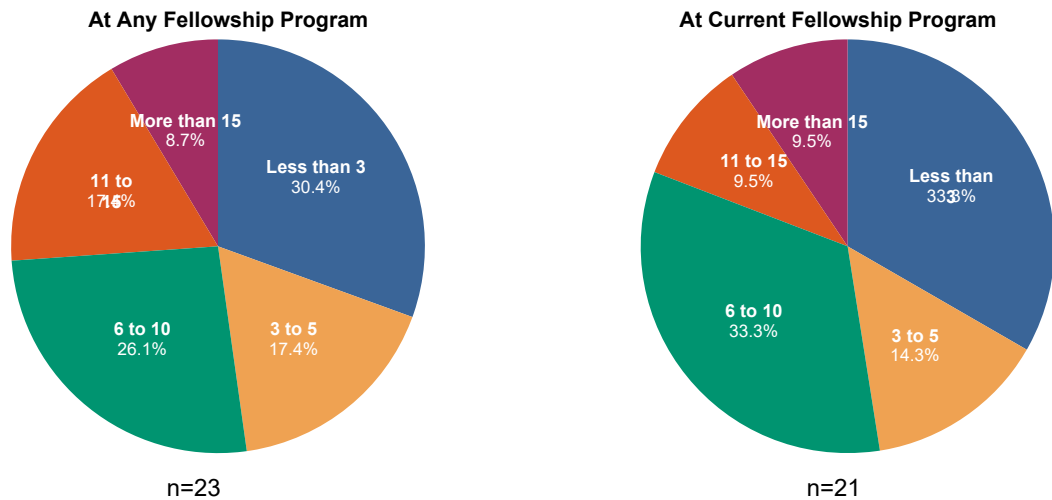


Figure-11

**Neuroradiology
Years as Program Director**





Obstetric Anesthesiology

2016 Survey

Number of responses	10
Response rate	40.0%

Match Information*

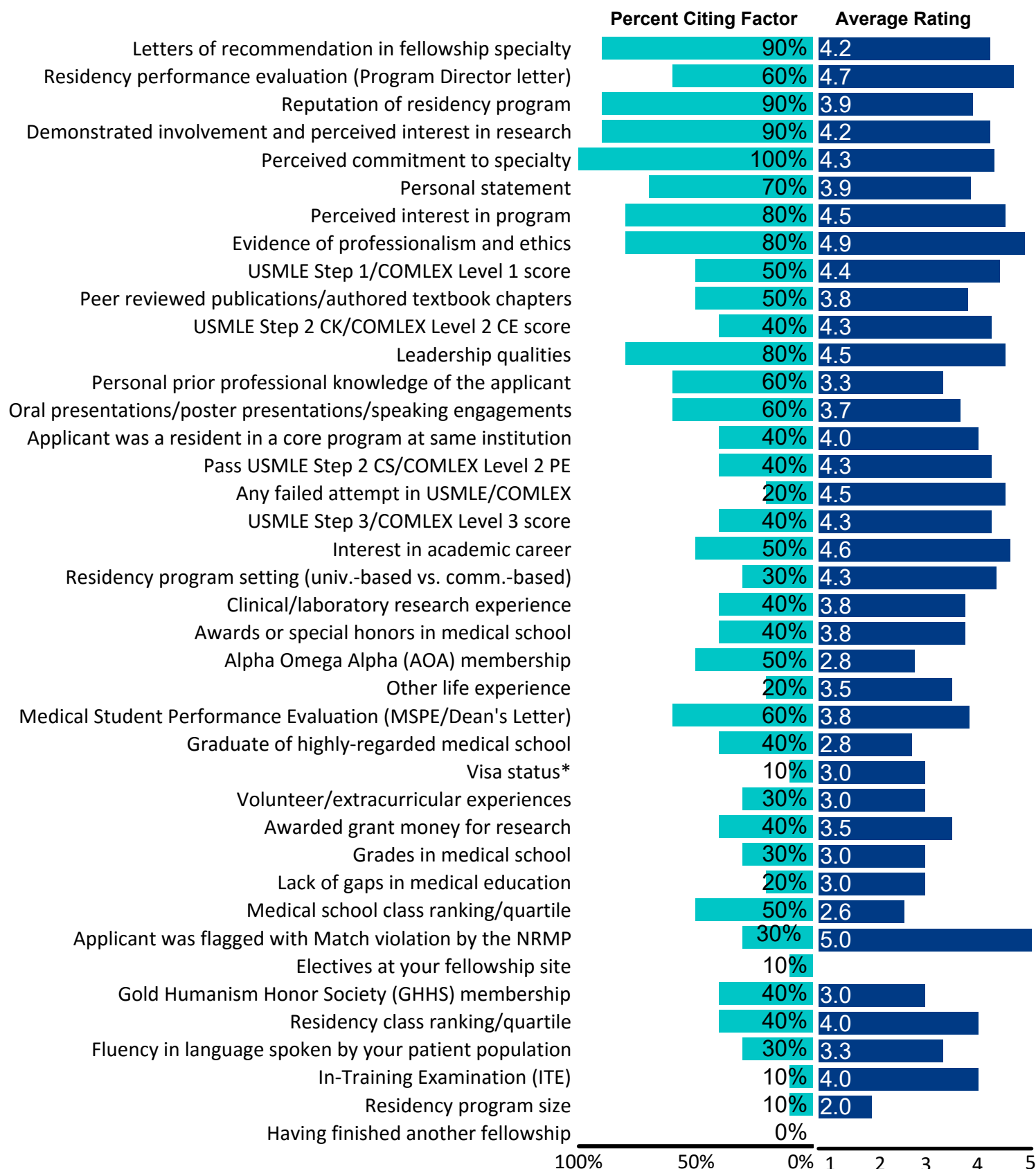
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	28		
Number of positions in the Match	48		
Number of applicants ranking specialty	25		

* Source: NRMP Data Warehouse

Figure-1

Obstetric Anesthesiology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=10)



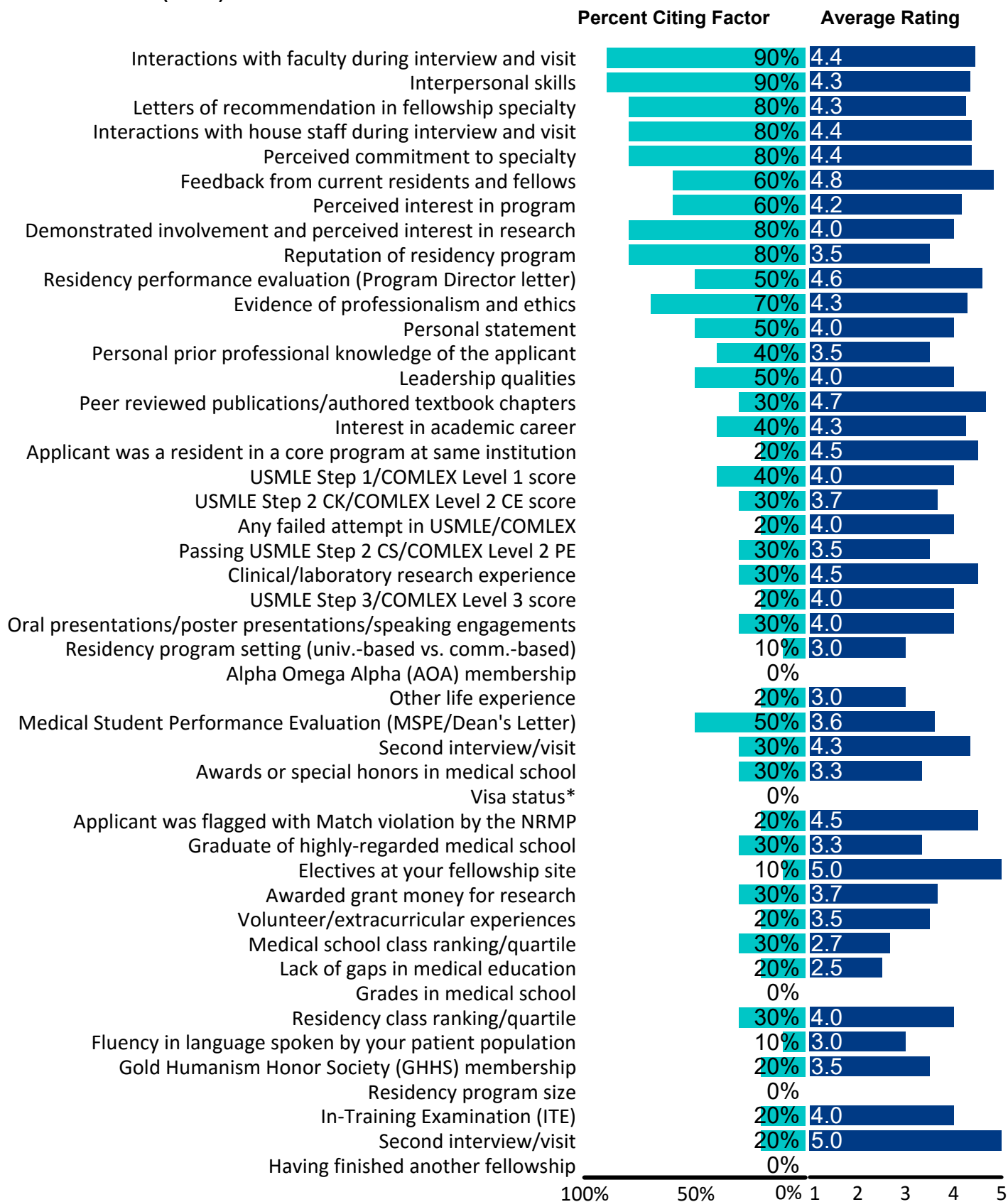
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

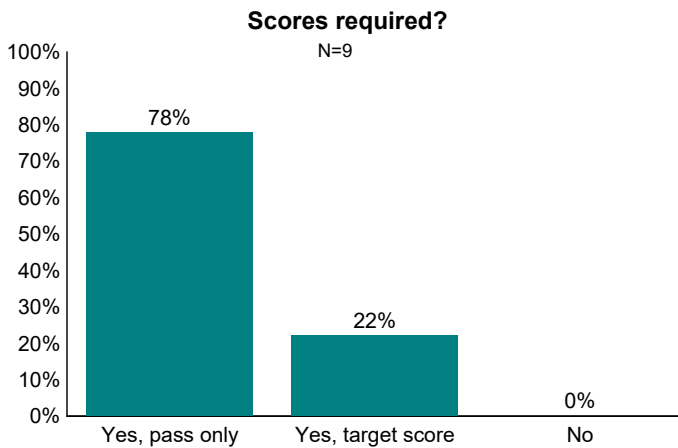
Obstetric Anesthesiology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=10)

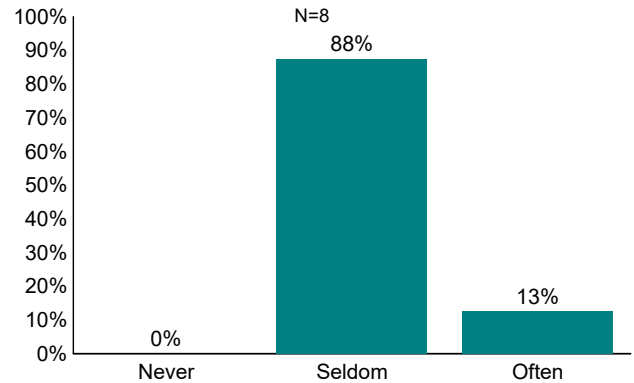
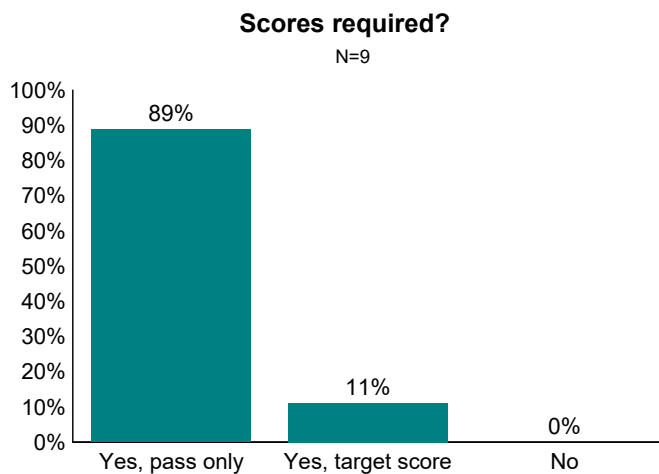


¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

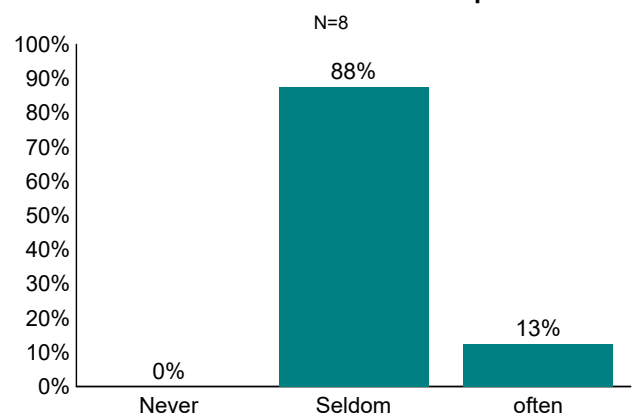
* International Medical Graduates only

Figure-3**Obstetric Anesthesiology****Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When Considering Which Applicants to Interview****Percentage of Programs That Use USMLE Step 1 Score**

Would your program consider applicants who fail the exam on the first attempt?
N=8

**Percentage of Programs That Use USMLE Step 2 (CK) Score**

Would your program consider applicants who fail the exam on the first attempt?
N=8

**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs Consider When Granting Interviews****Scores Below Which Programs Generally Do Not Grant Interviews**

USMLE Step 1 not reported because of low response rate

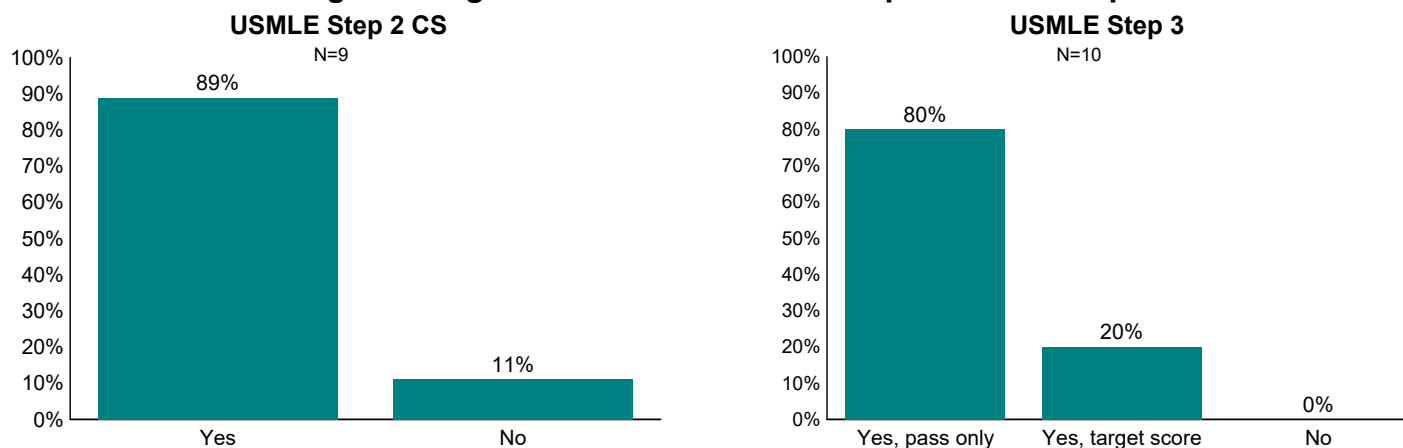
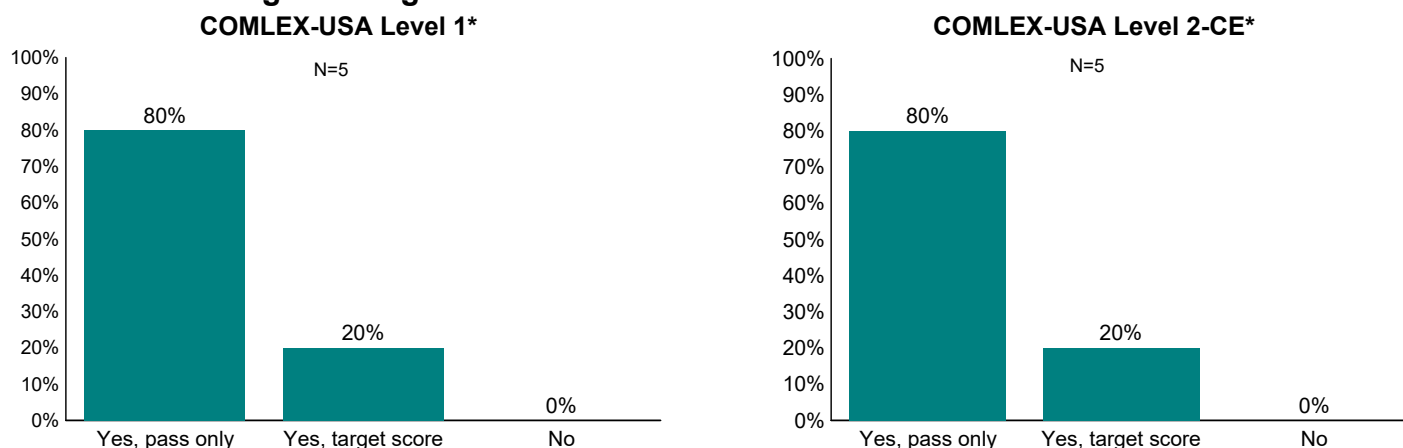
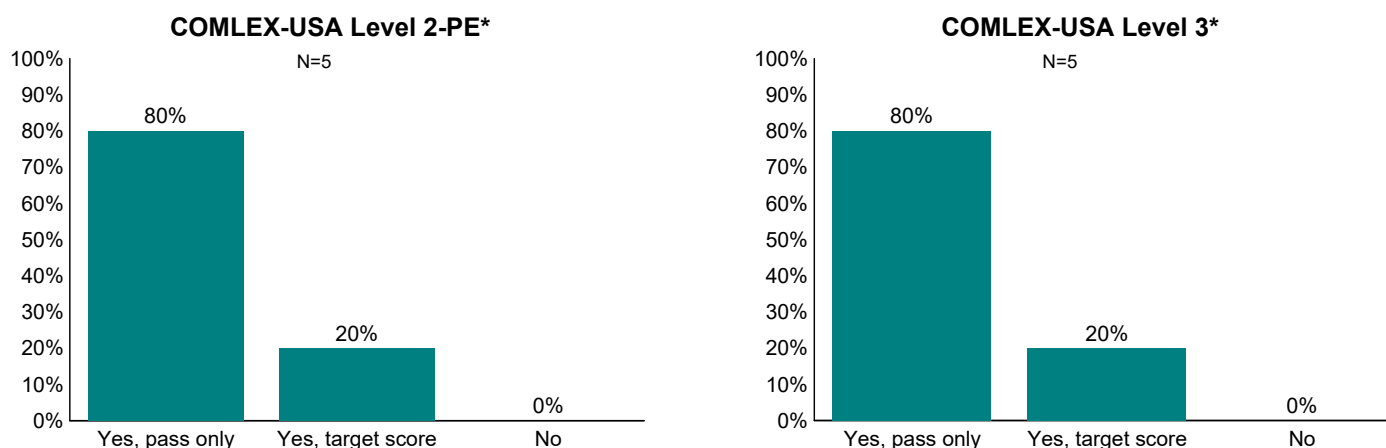
USMLE Step 2 CK not reported because of low response rate

Scores Above Which Programs Almost Always Grant Interviews

USMLE Step 1 not reported because of low response rate

USMLE Step 2 CK not reported because of low response rate

*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4**Obstetric Anesthesiology****Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview****Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores****Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores****Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores**

* Osteopathic applicants only

Figure-5

Obstetric Anesthesiology Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

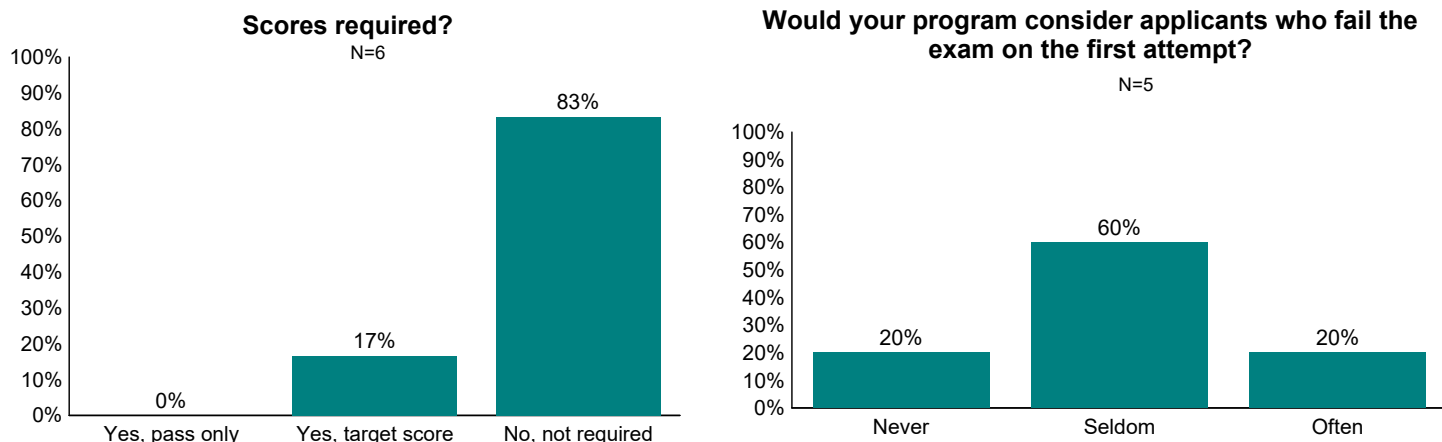


Figure-6

Obstetric Anesthesiology Programs Positions

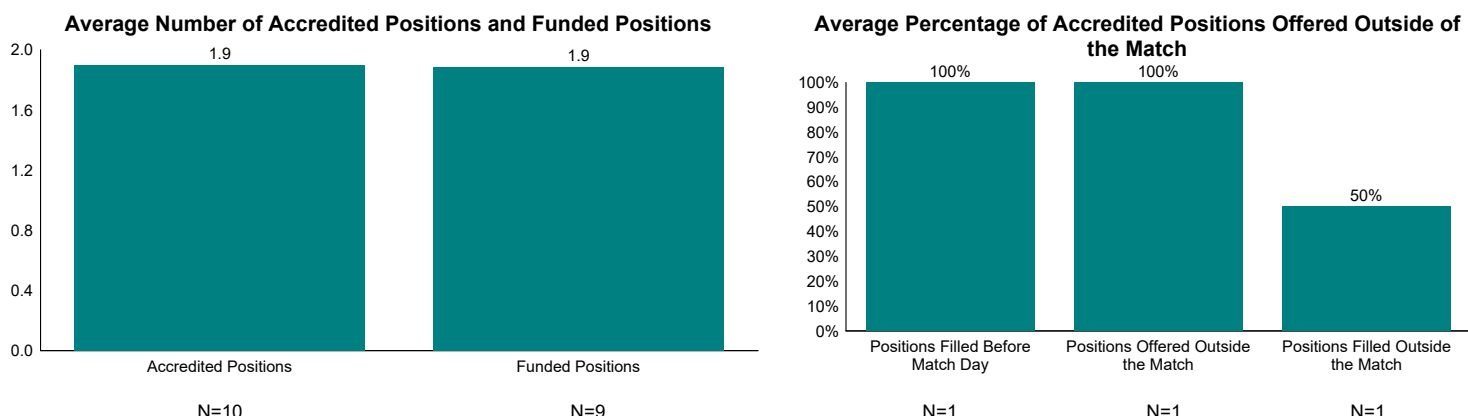
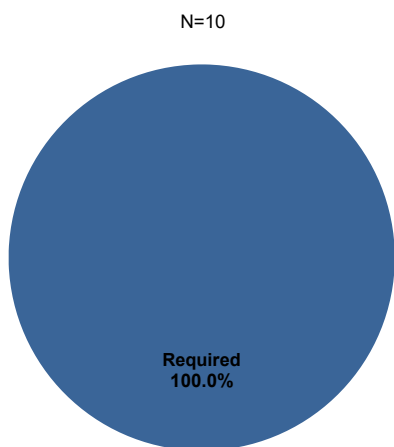


Figure-7

Obstetric Anesthesiology Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

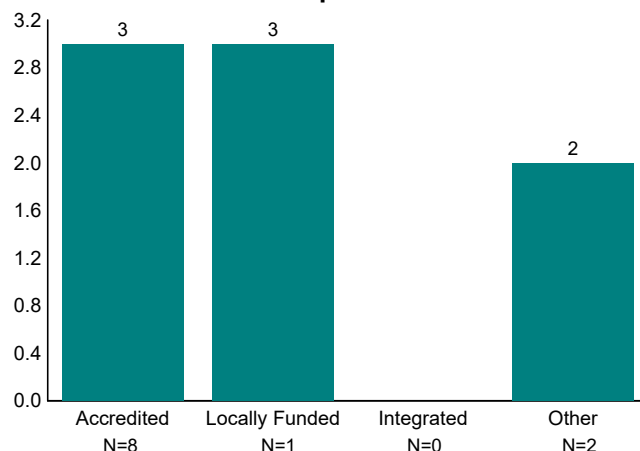
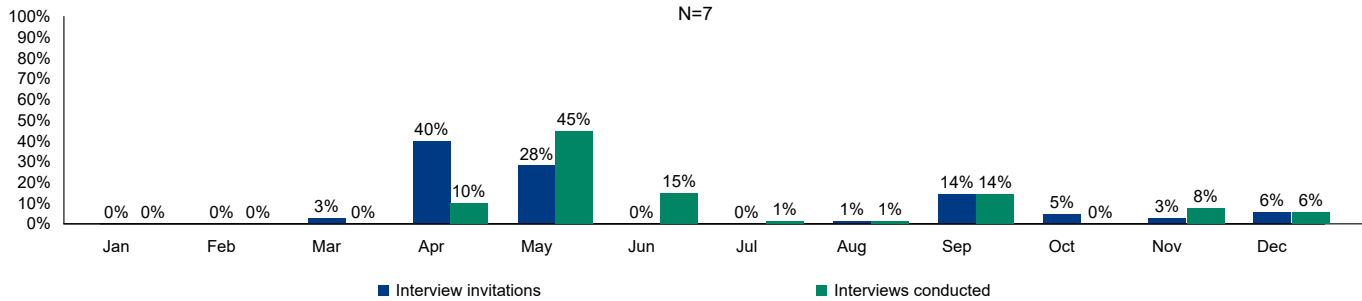


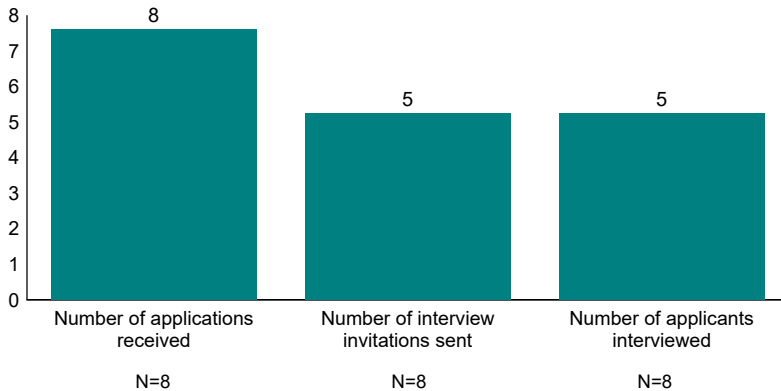
Figure-8

Obstetric Anesthesiology Program's Interview Activities

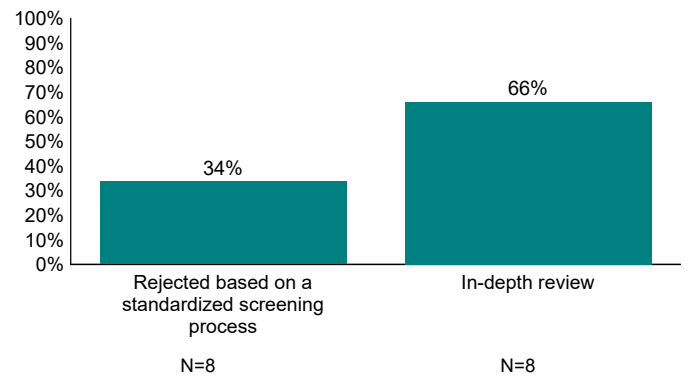
Interview Invitations Sent and Interviews Conducted



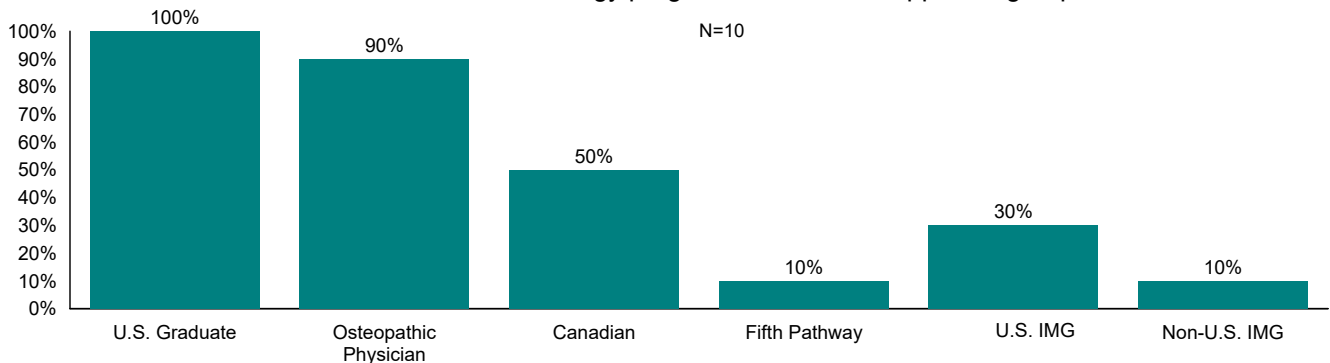
Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked



Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type
10% of Obstetric Anesthesiology programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

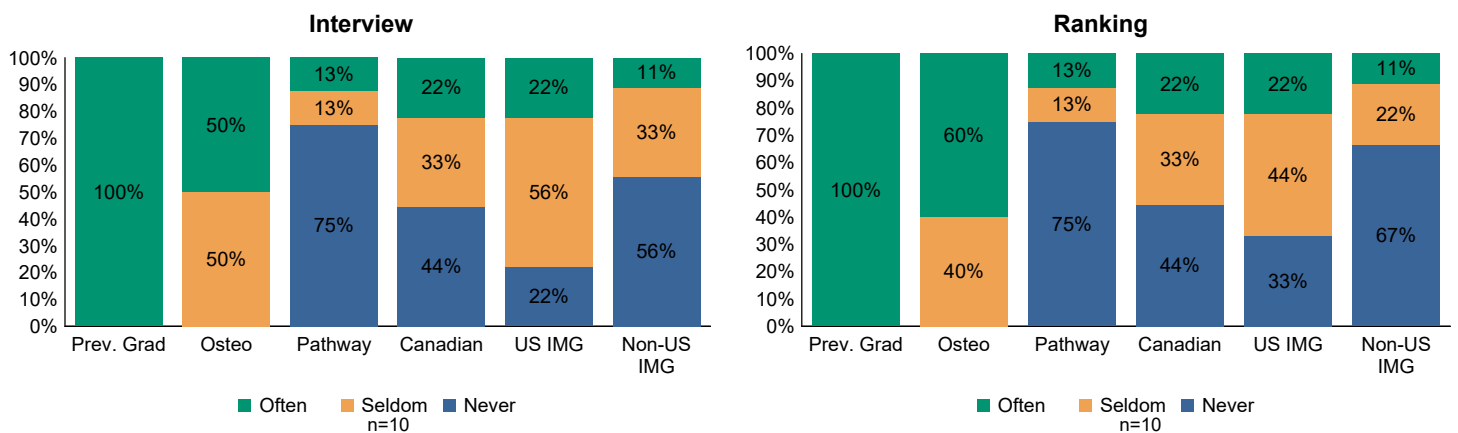


Figure-9

**Obstetric Anesthesiology
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=10

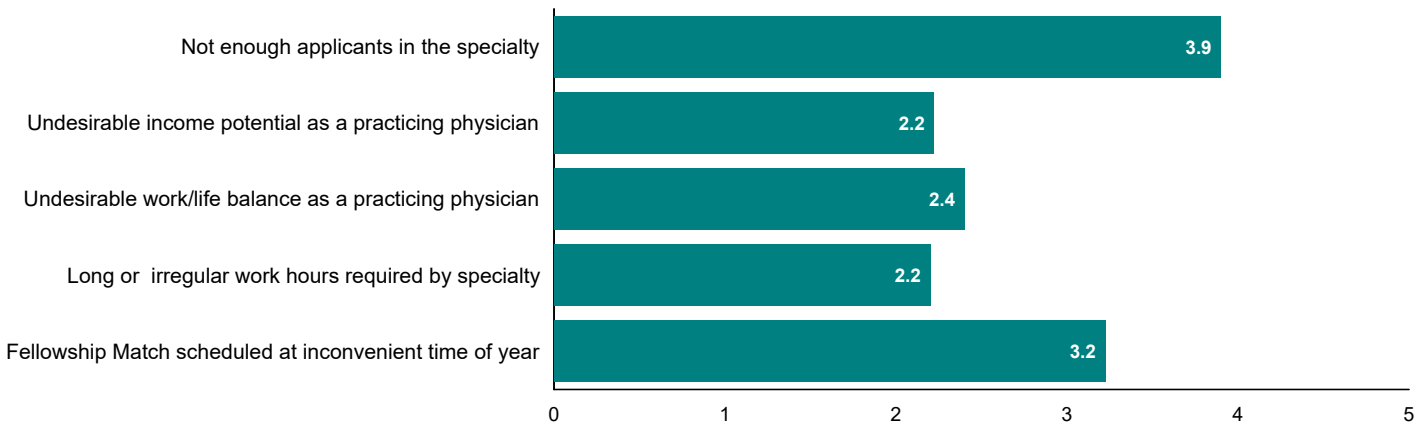


Figure-10

**Obstetric Anesthesiology
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=8

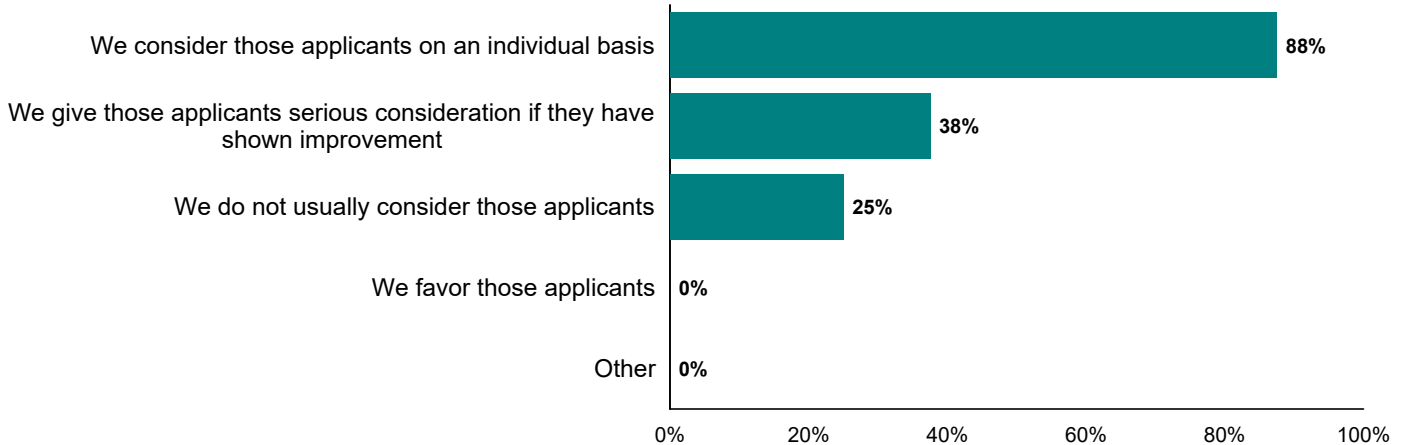
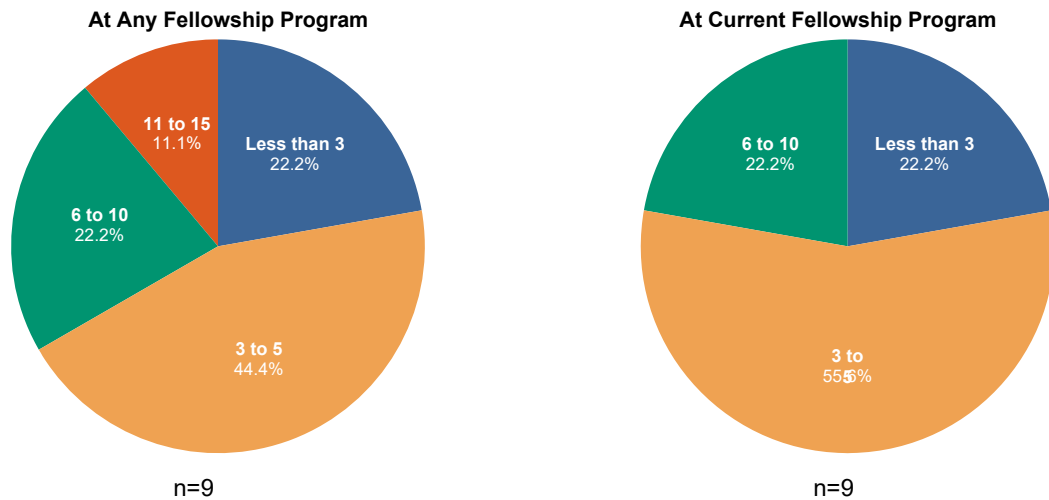


Figure-11

**Obstetric Anesthesiology
Years as Program Director**





Pain Medicine

2016 Survey

Number of responses	21
Response rate	25.0%

Match Information*

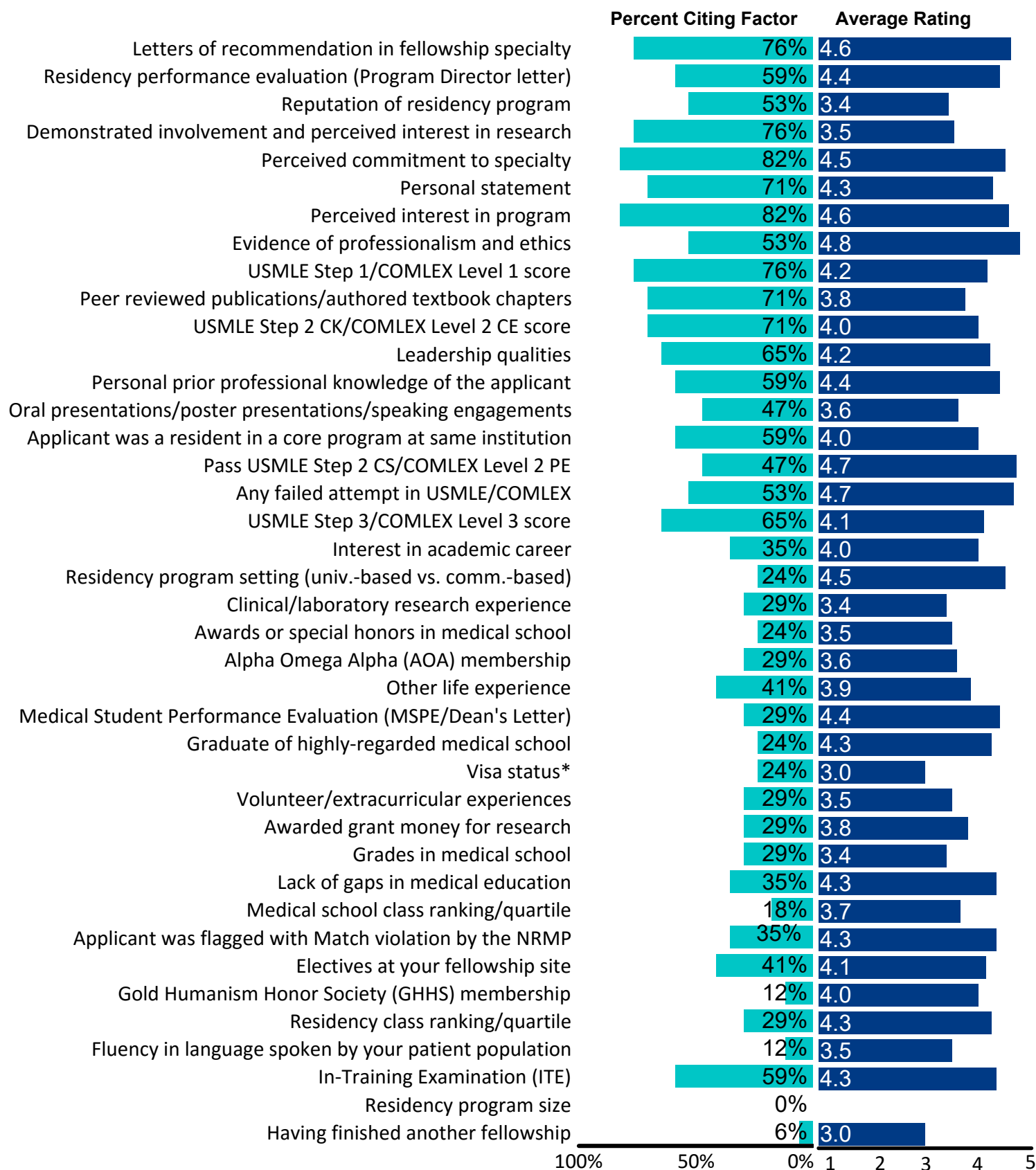
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	90	84	82
Number of positions in the Match	305	286	261
Number of applicants ranking specialty	416	397	398

* Source: NRMP Data Warehouse

Figure-1

Pain Medicine

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=17)



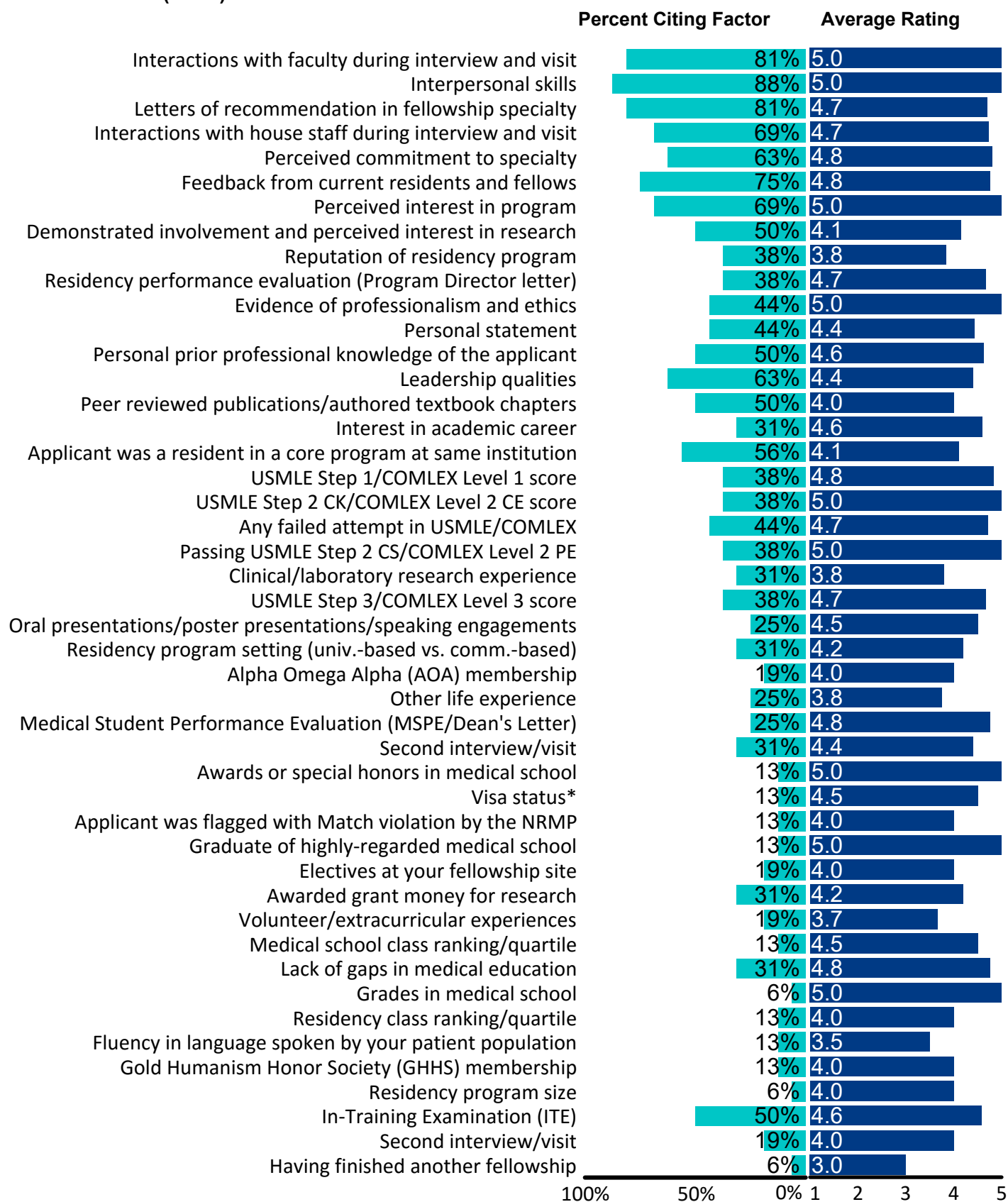
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

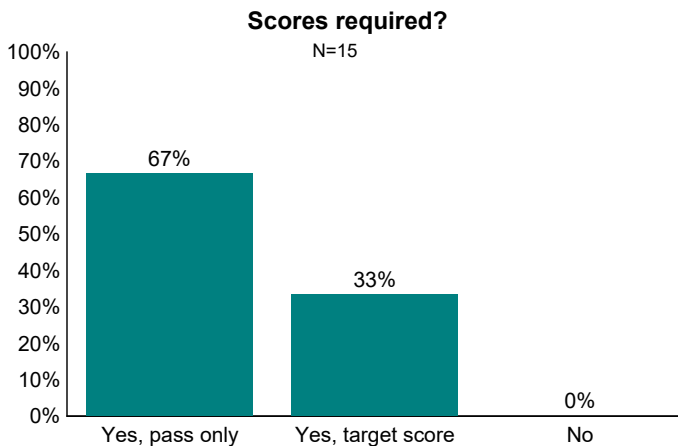
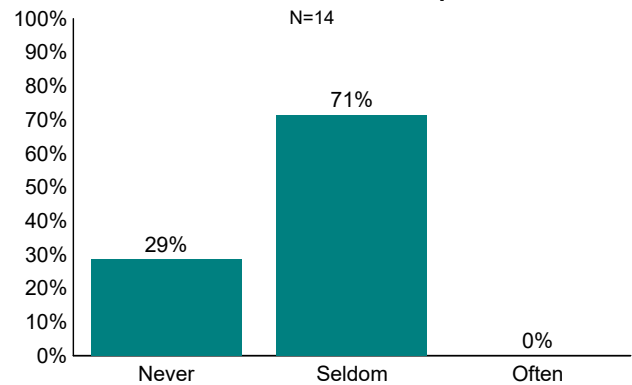
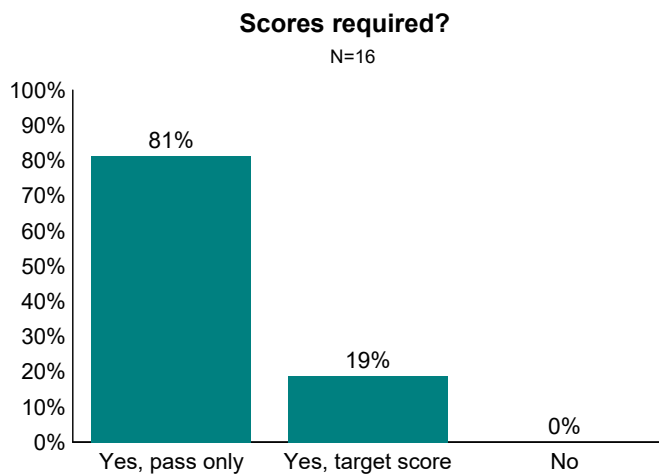
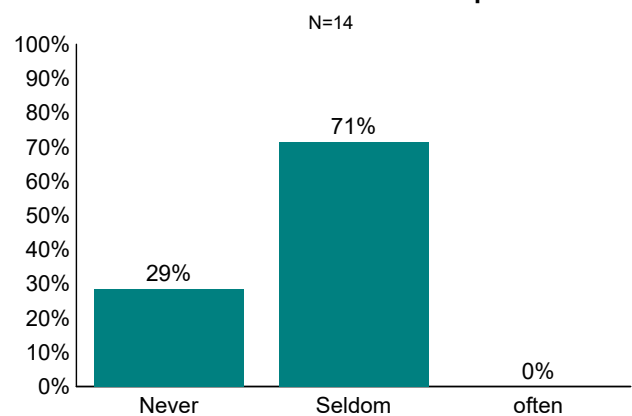
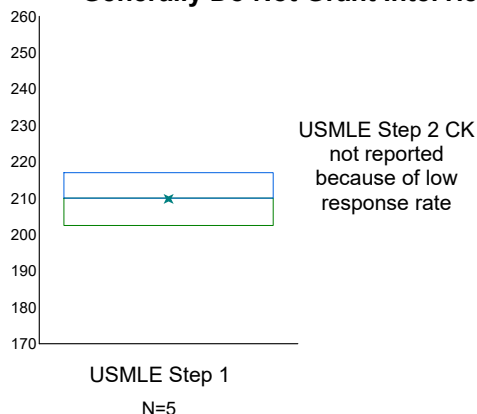
Pain Medicine

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=17)



¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-3**Pain Medicine****Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When Considering Which Applicants to Interview****Percentage of Programs That Use USMLE Step 1 Score****Would your program consider applicants who fail the exam on the first attempt?**
N=14**Percentage of Programs That Use USMLE Step 2 (CK) Score****Would your program consider applicants who fail the exam on the first attempt?**
N=14**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs Consider When Granting Interviews****Scores Below Which Programs Generally Do Not Grant Interviews****Scores Above Which Programs Almost Always Grant Interviews**

USMLE Step 1 not reported because of low response rate

USMLE Step 2 CK not reported because of low response rate

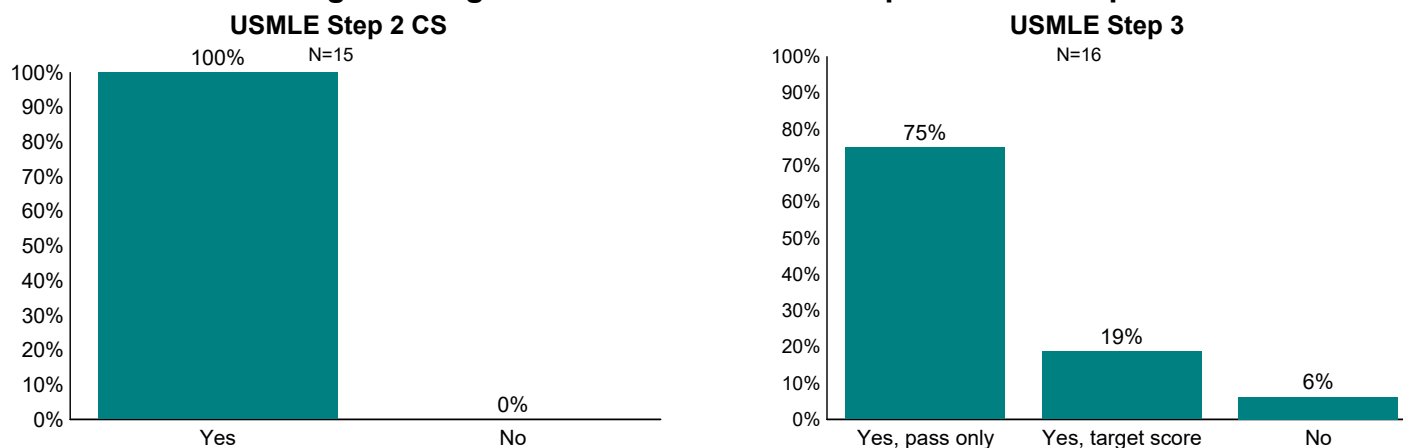
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

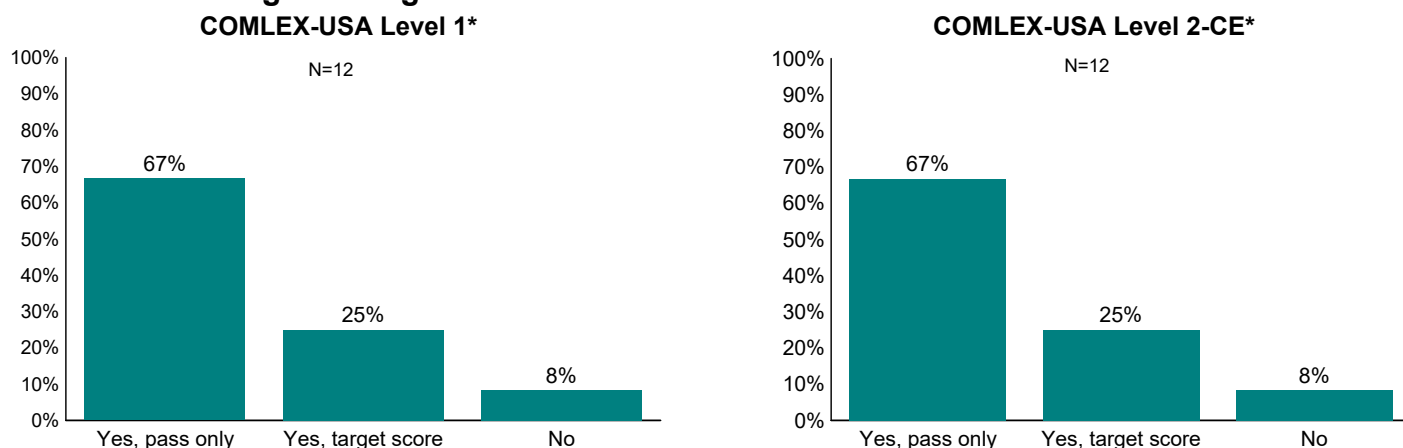
Pain Medicine

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

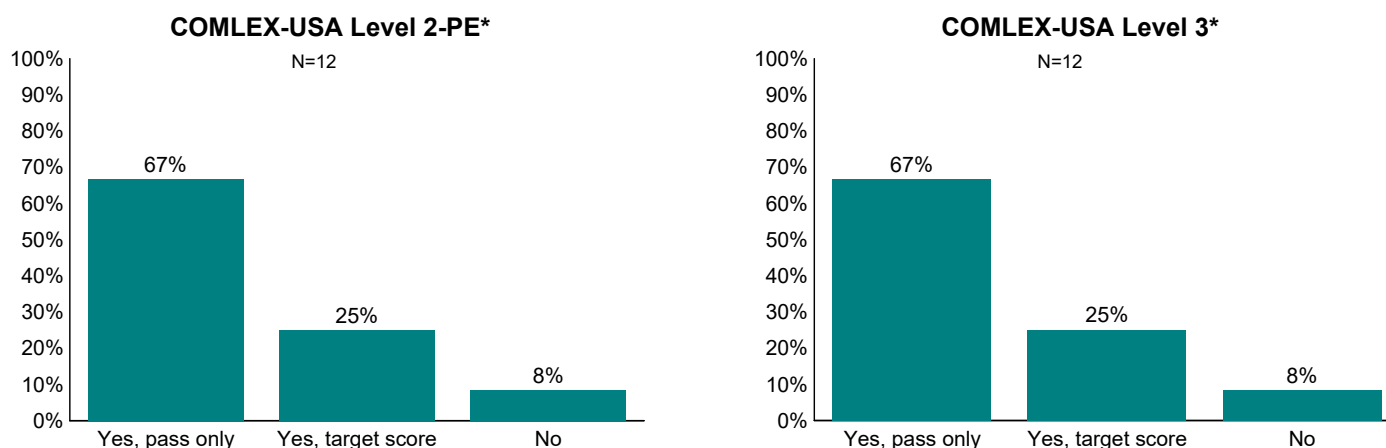
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Pain Medicine Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

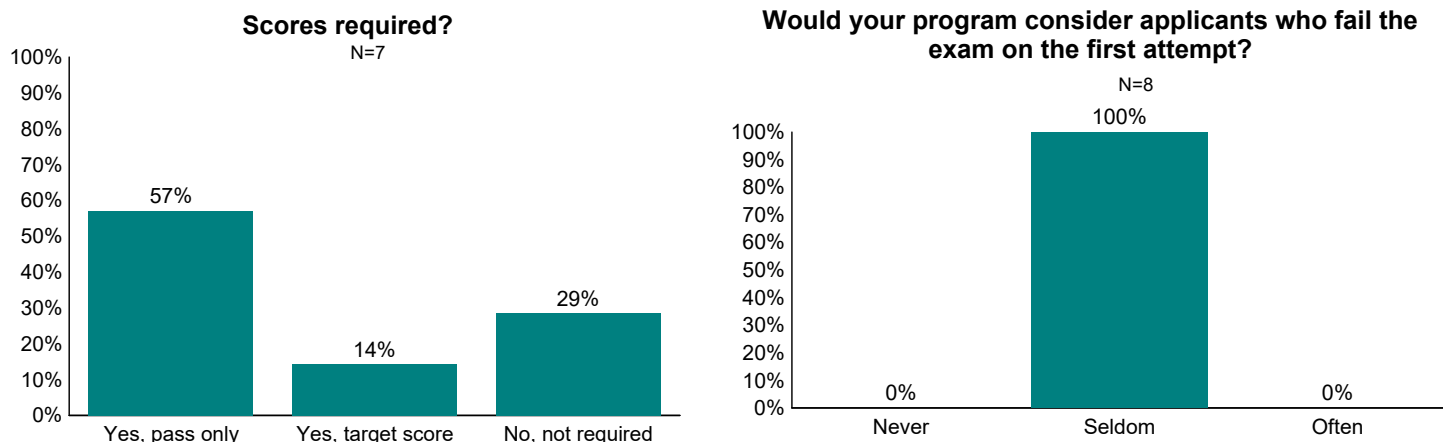


Figure-6

Pain Medicine Programs Positions

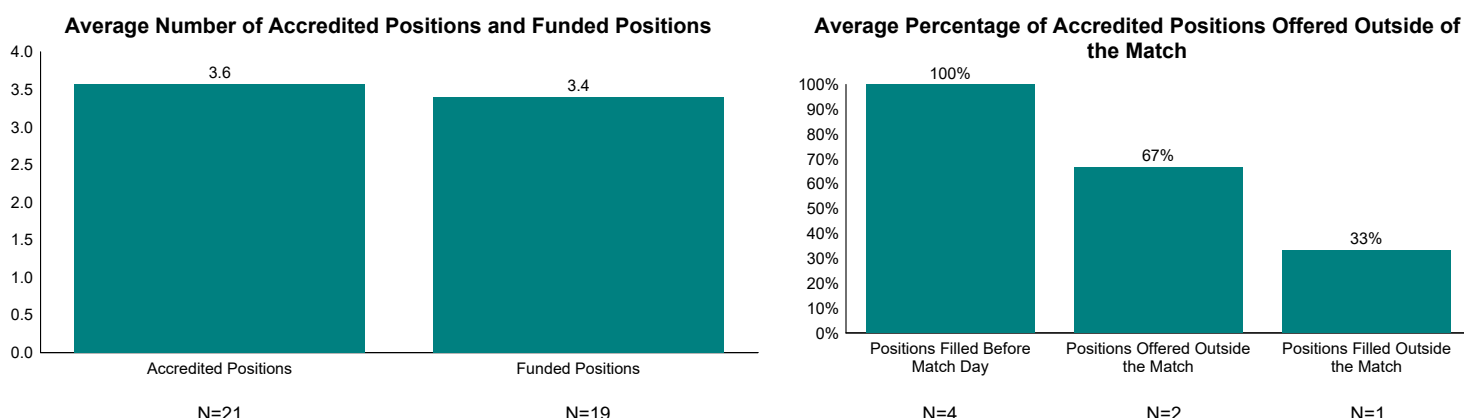
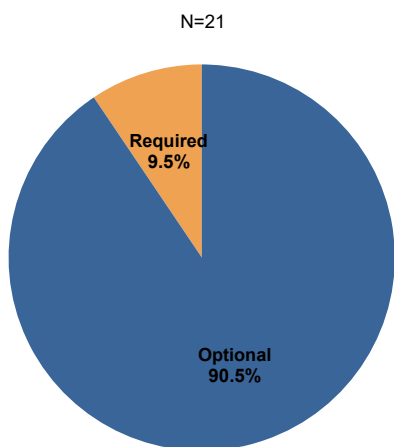


Figure-7

Pain Medicine Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

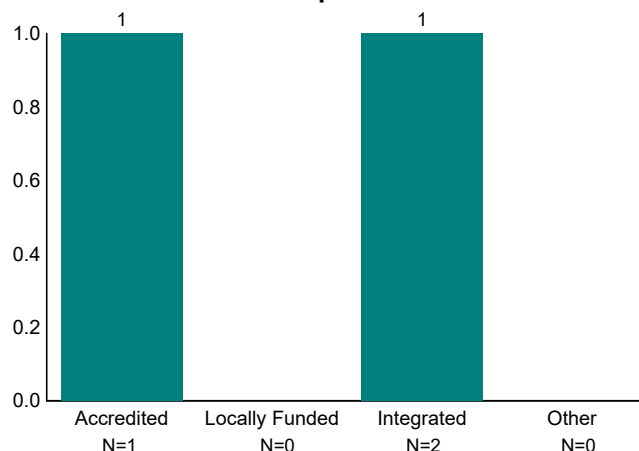
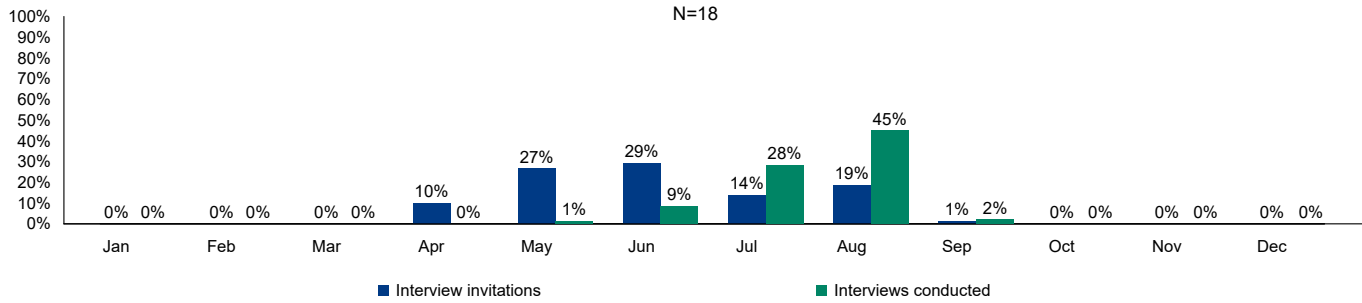


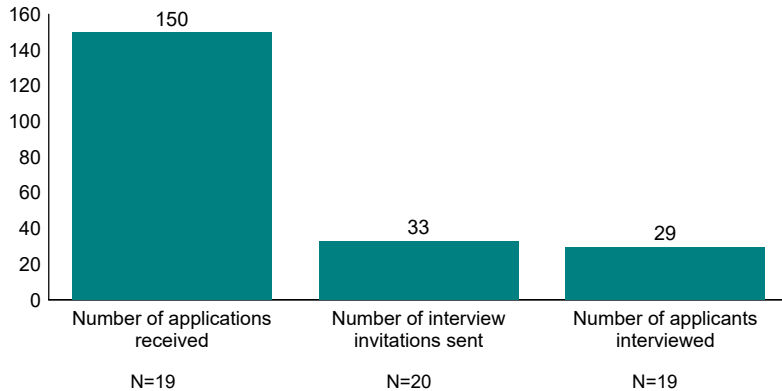
Figure-8

Pain Medicine Program's Interview Activities

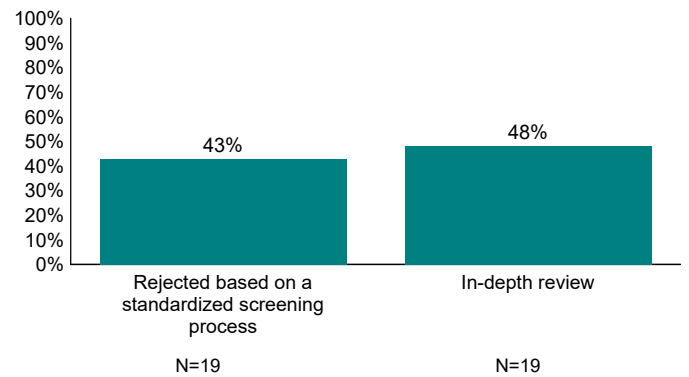
Interview Invitations Sent and Interviews Conducted



Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked

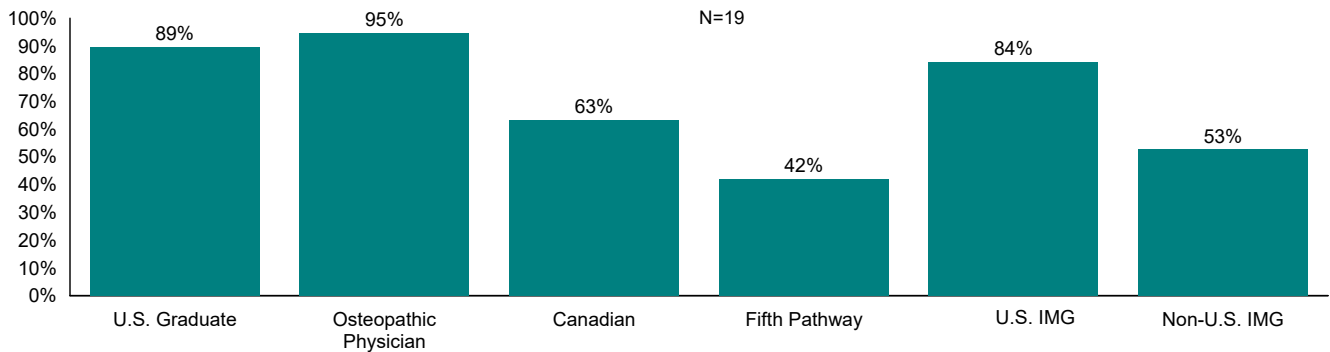


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

42% of Pain Medicine programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

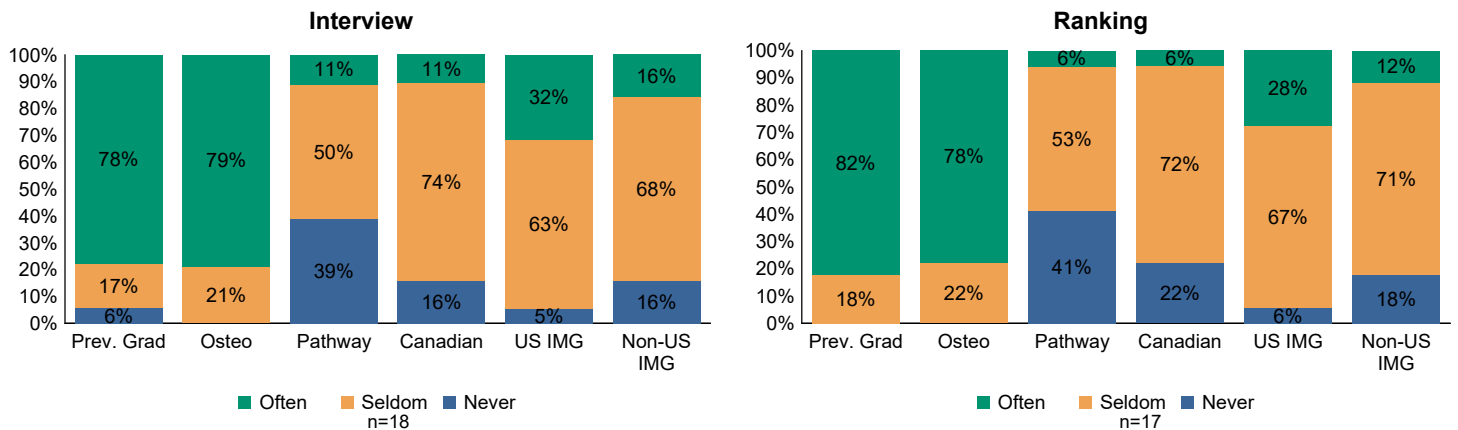


Figure-9

**Pain Medicine
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=15

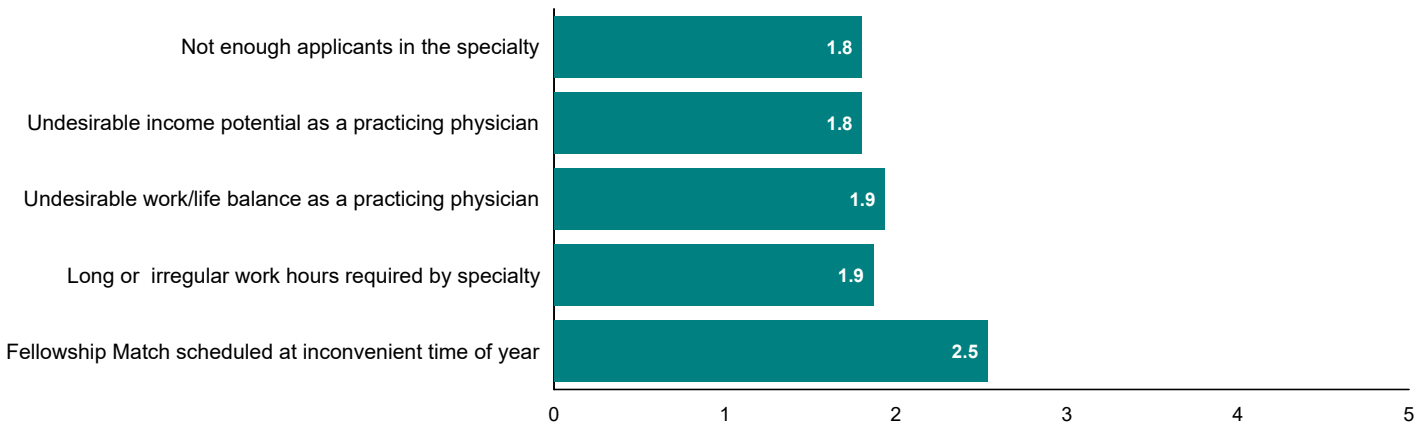


Figure-10

**Pain Medicine
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=16

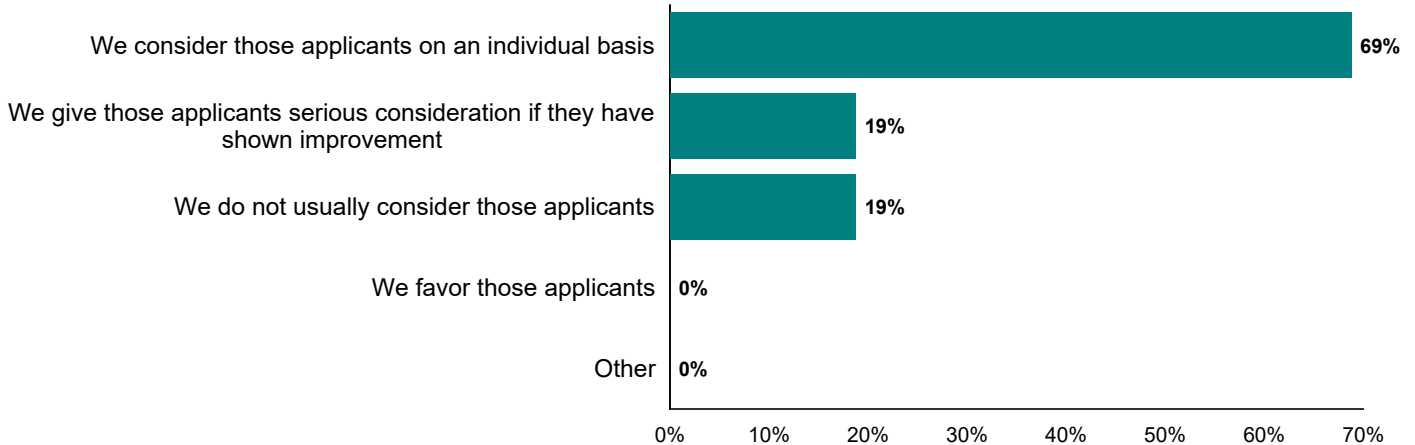
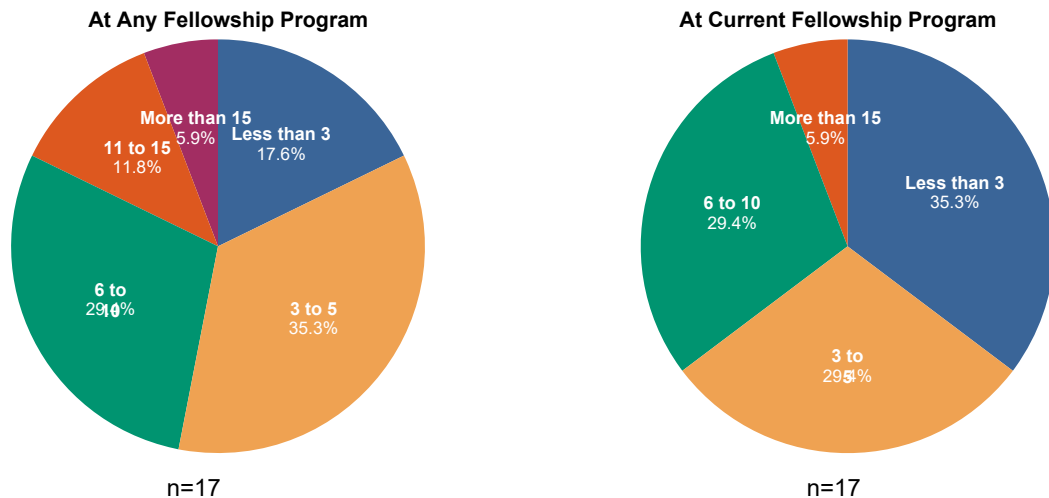


Figure-11

**Pain Medicine
Years as Program Director**





Pediatric Anesthesiology

2016 Survey

Number of responses	24
Response rate	47.1%

Match Information*

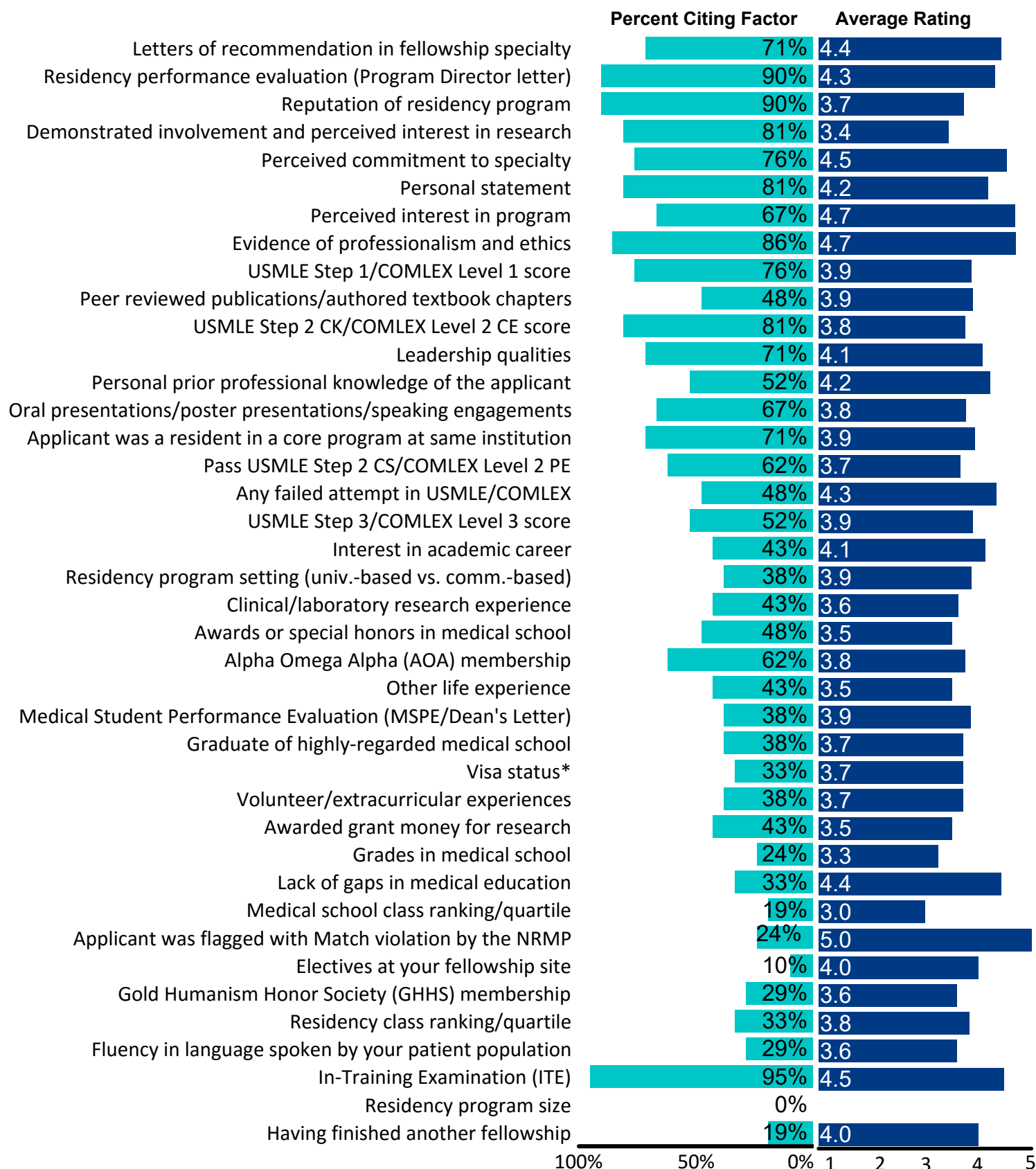
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	52	46	44
Number of positions in the Match	190	185	171
Number of applicants ranking specialty	209	207	182

* Source: NRMP Data Warehouse

Figure-1

Pediatric Anesthesiology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=21)



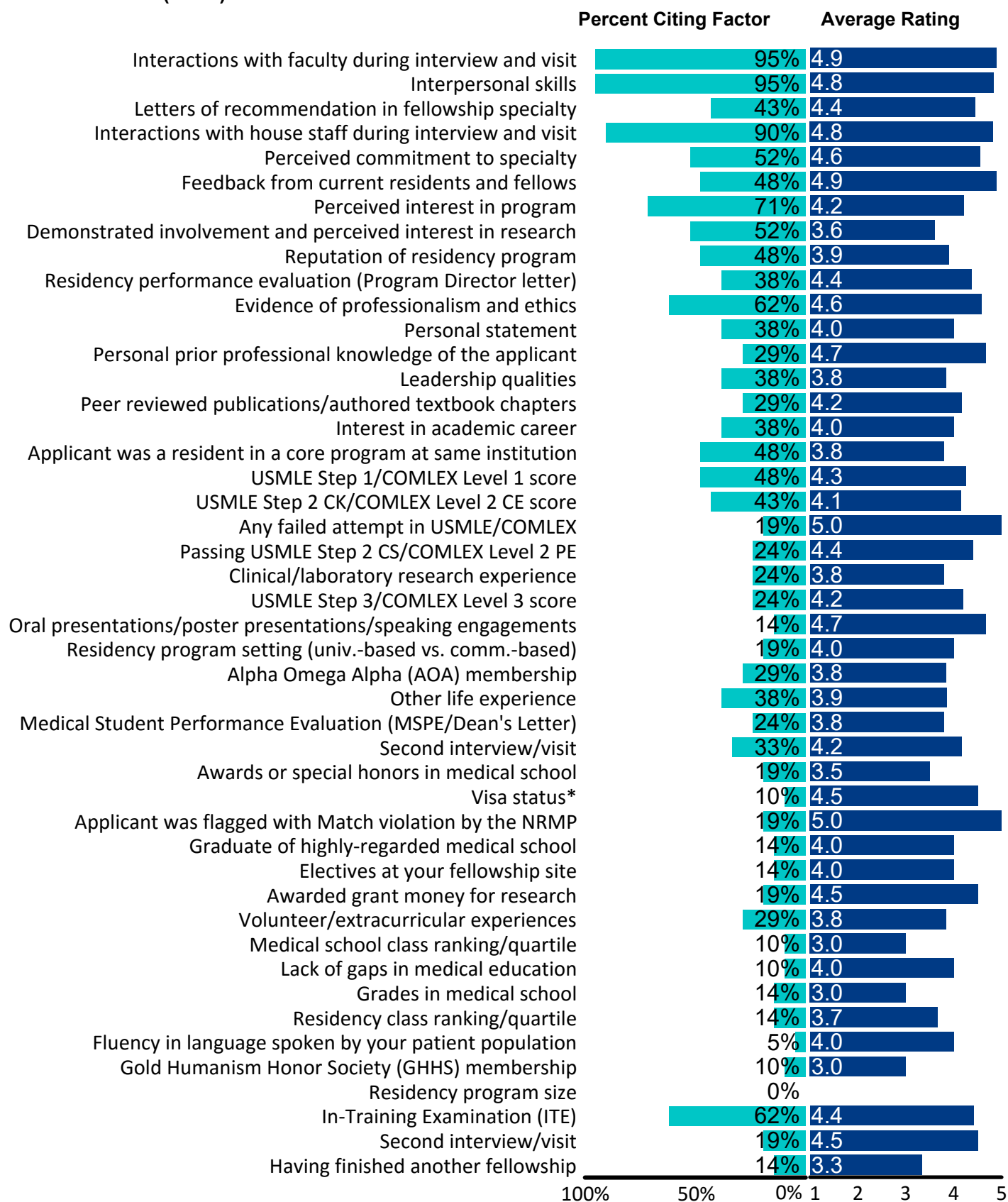
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Pediatric Anesthesiology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=21)



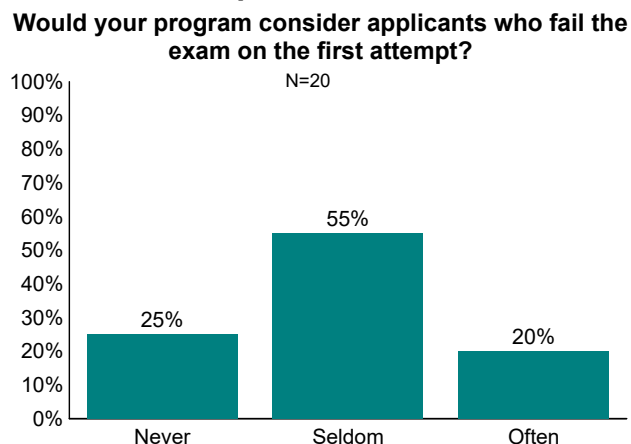
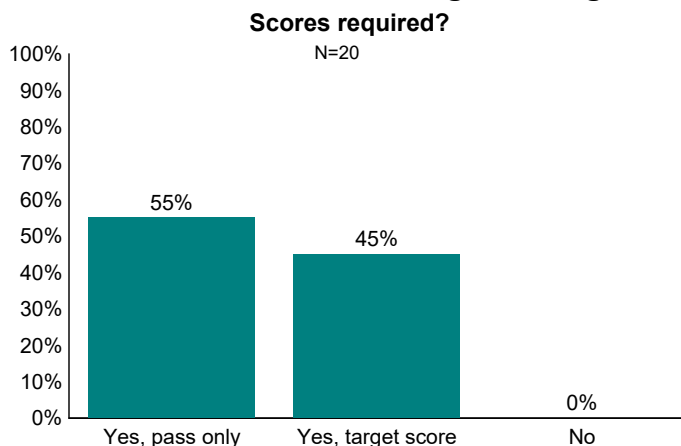
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

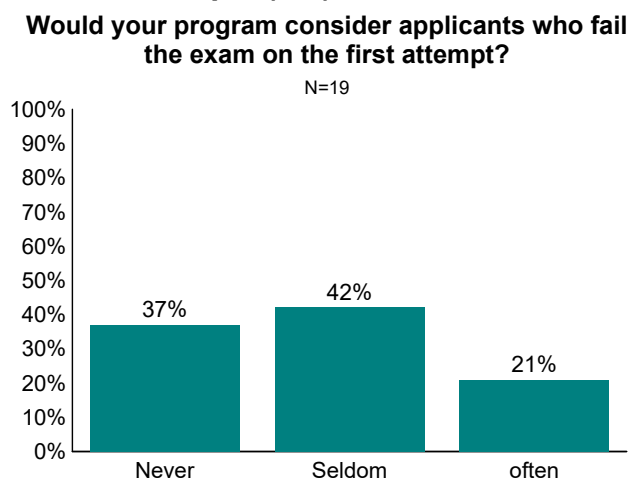
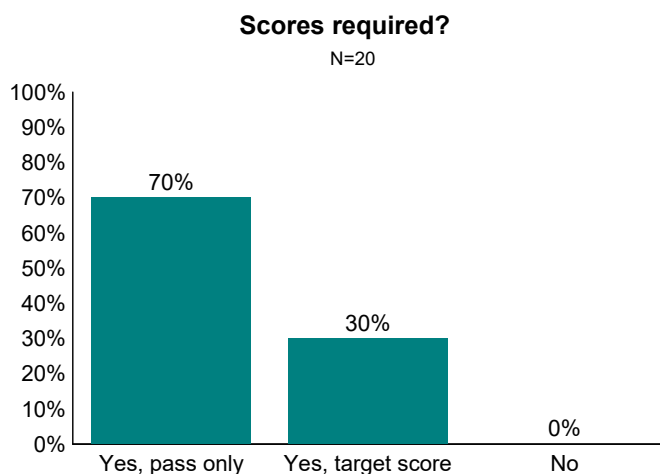
Figure-3

**Pediatric Anesthesiology
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

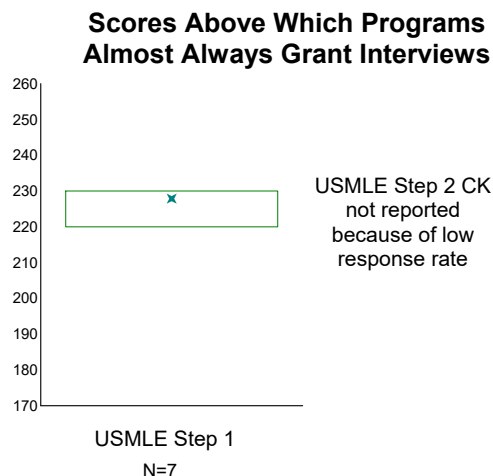
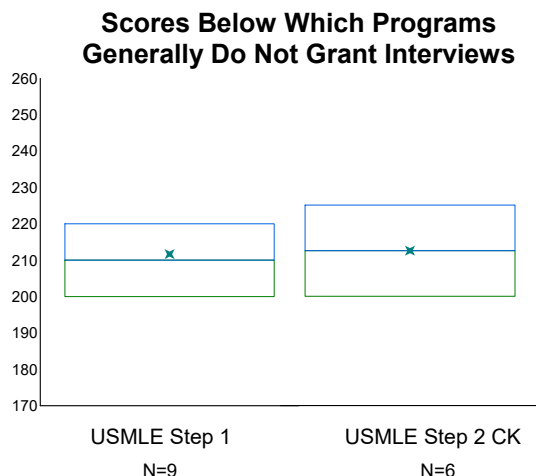
Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**



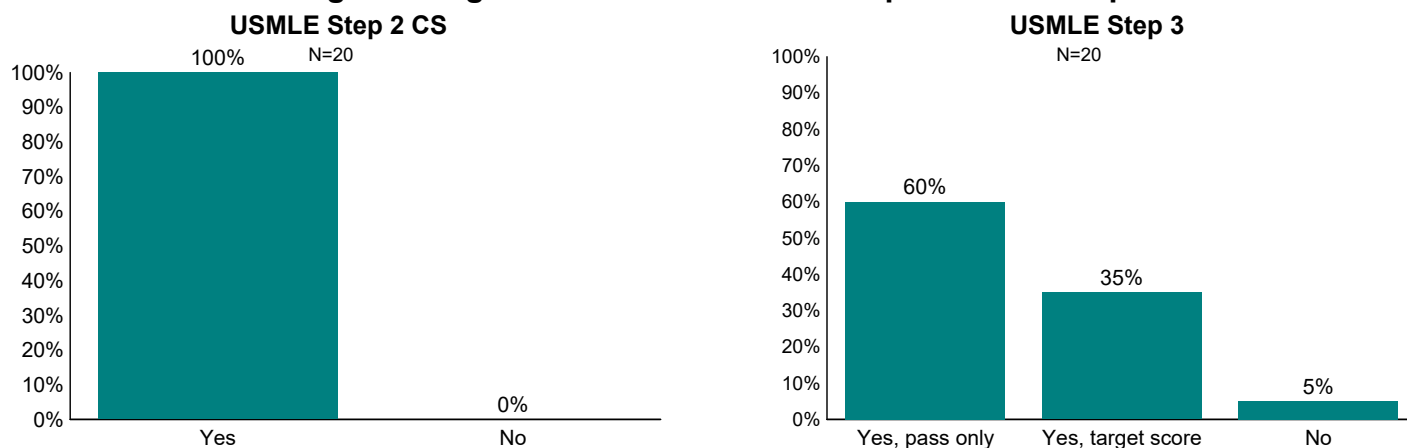
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

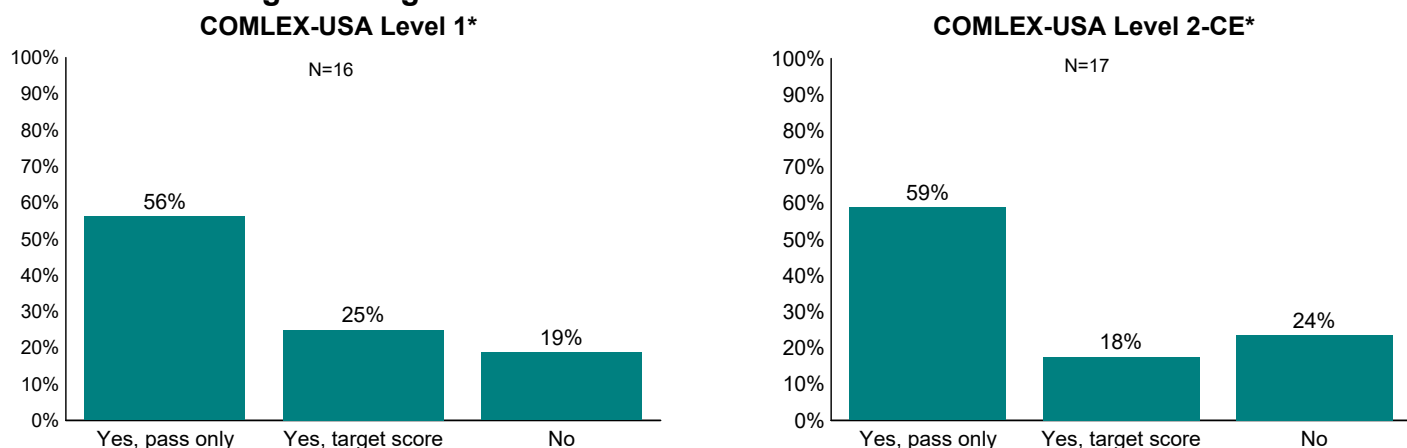
Pediatric Anesthesiology

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

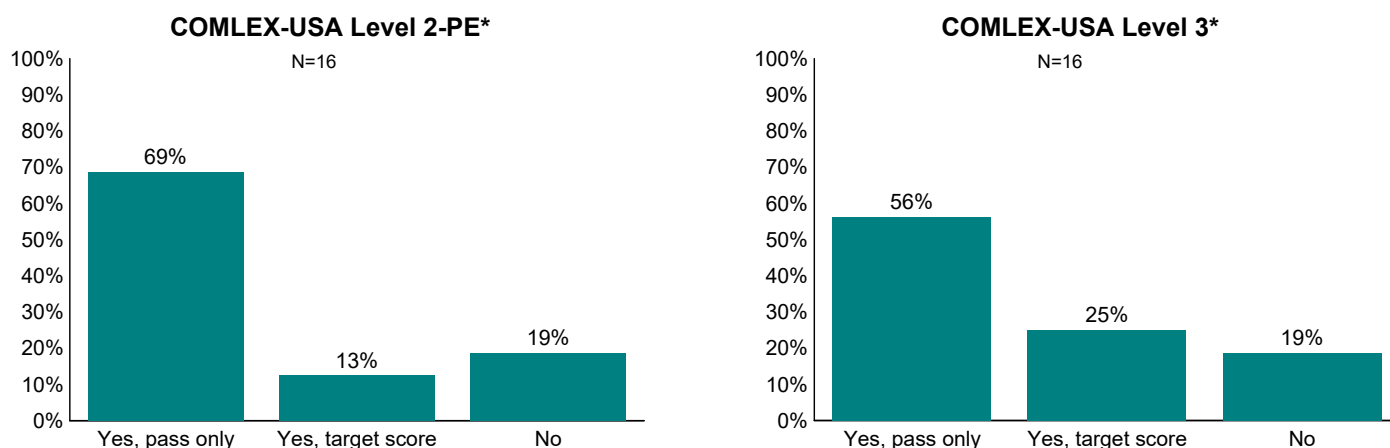
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Pediatric Anesthesiology Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

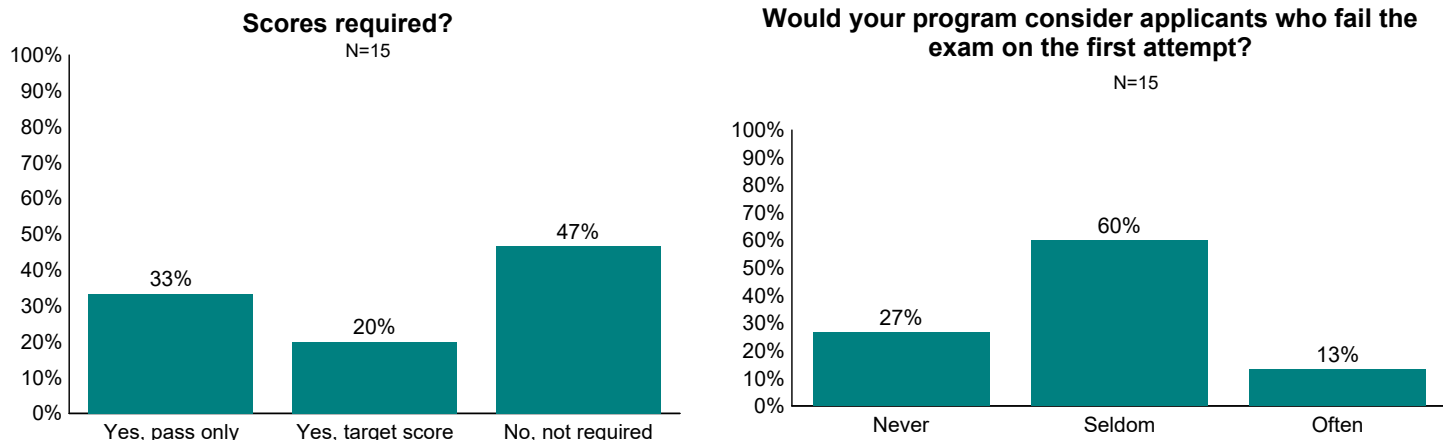


Figure-6

Pediatric Anesthesiology Programs Positions

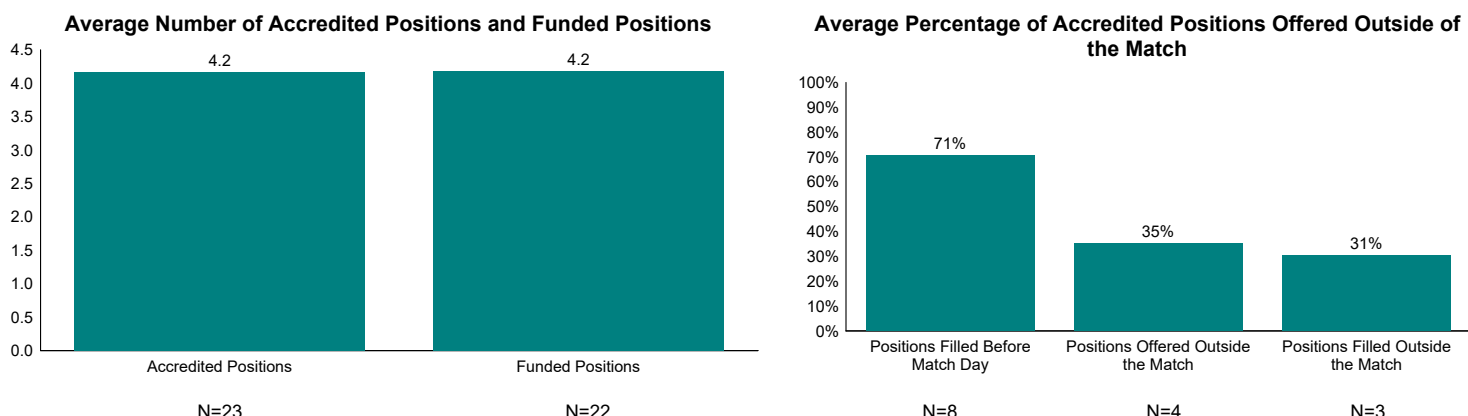
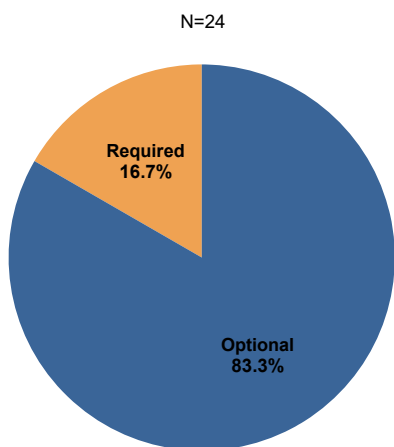


Figure-7

Pediatric Anesthesiology Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

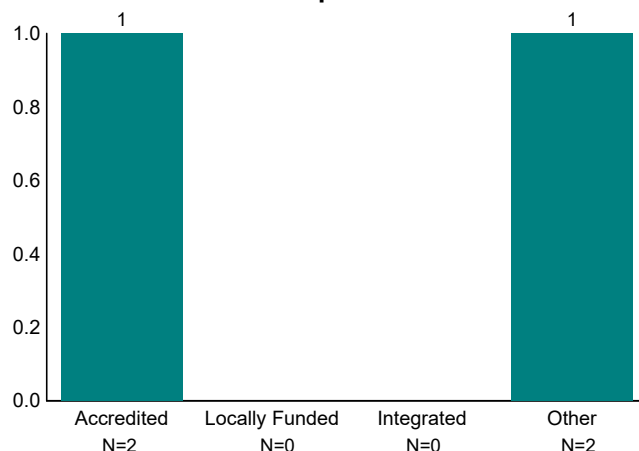
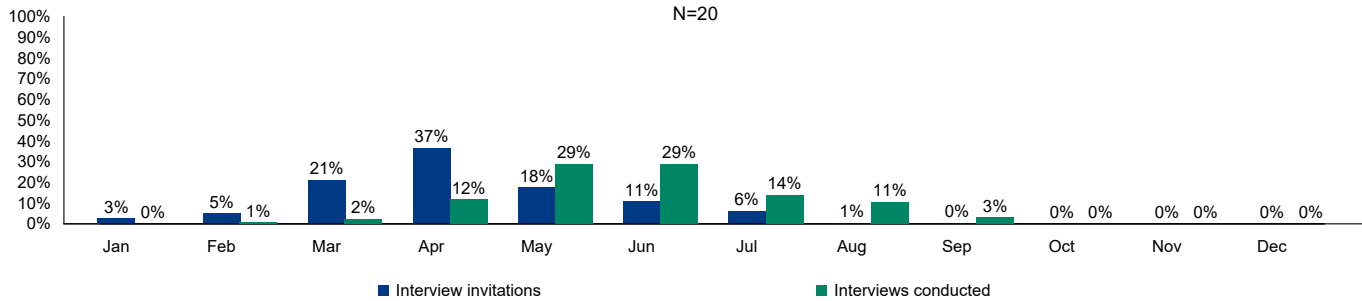


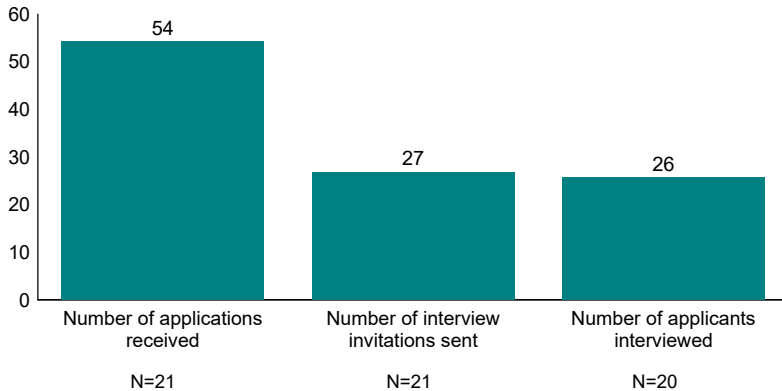
Figure-8

Pediatric Anesthesiology Program's Interview Activities

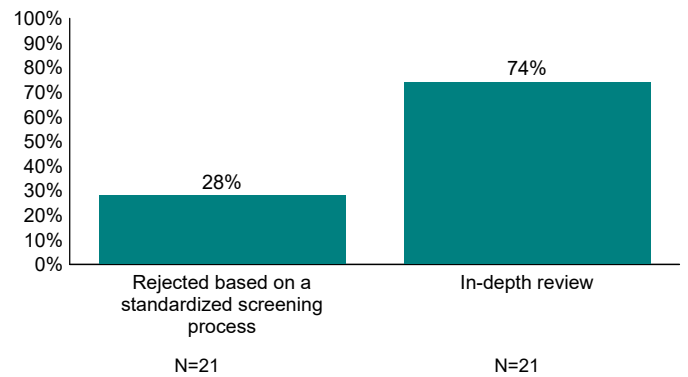
Interview Invitations Sent and Interviews Conducted



Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked

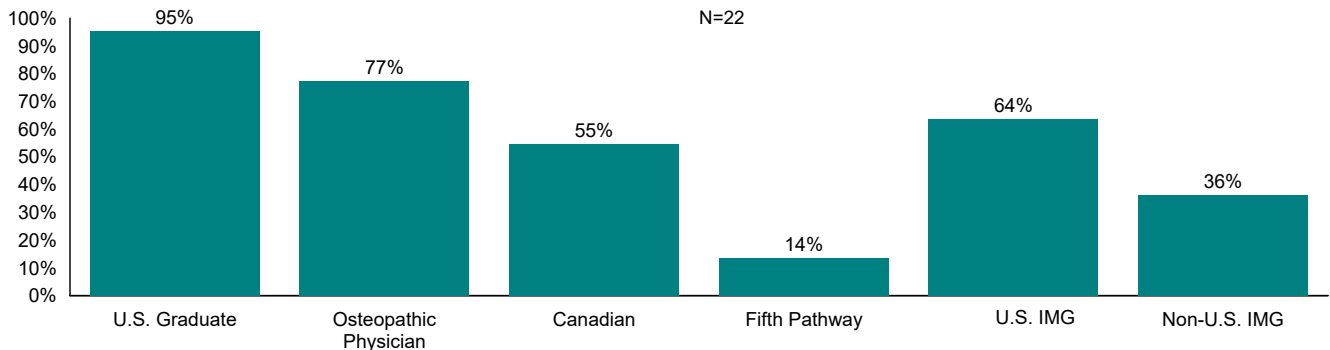


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

14% of Pediatric Anesthesiology programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

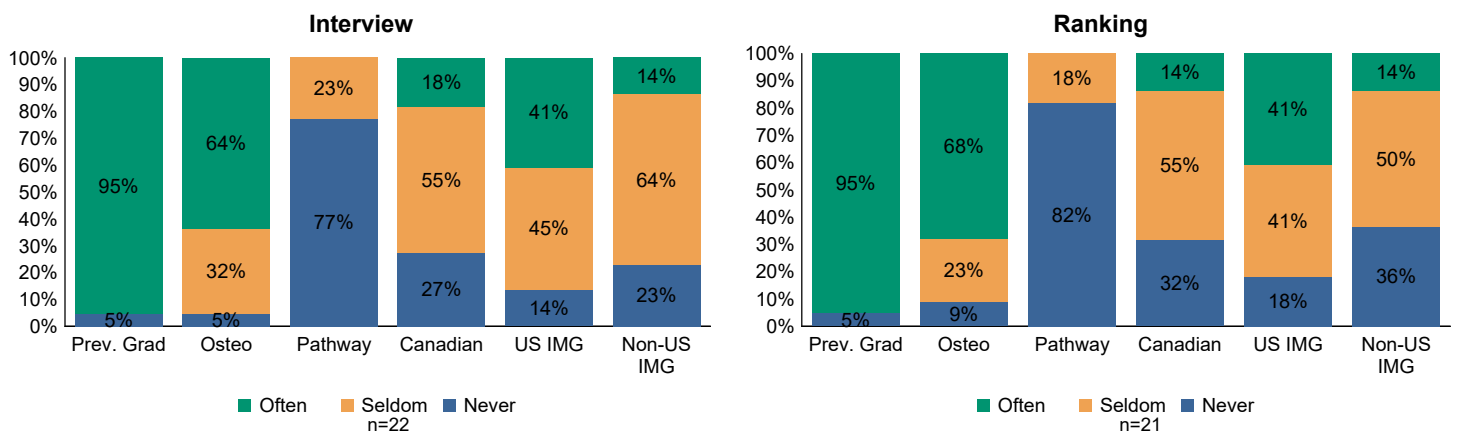


Figure-9

**Pediatric Anesthesiology
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=17

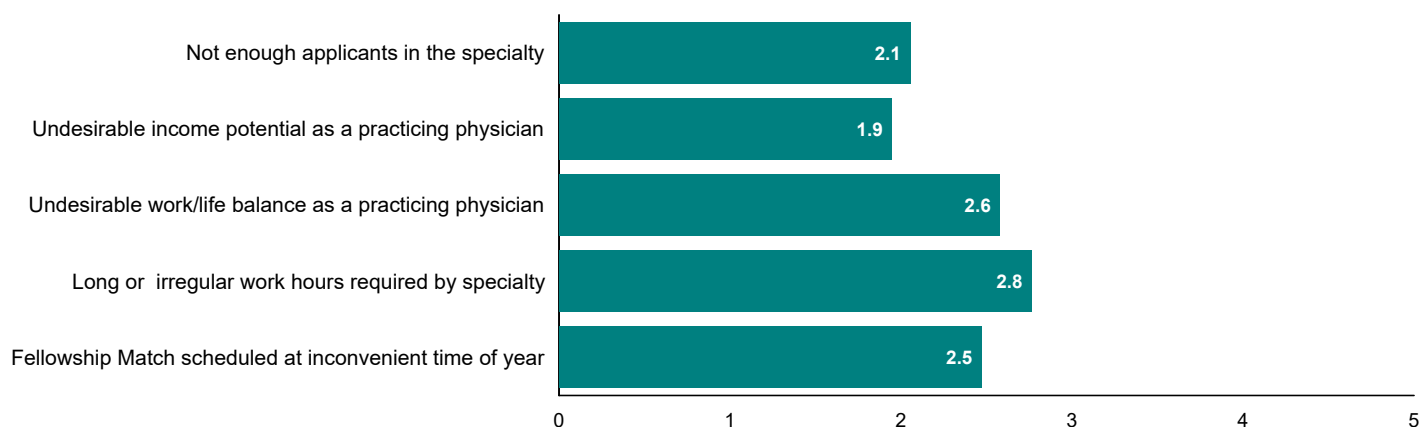


Figure-10

**Pediatric Anesthesiology
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=20

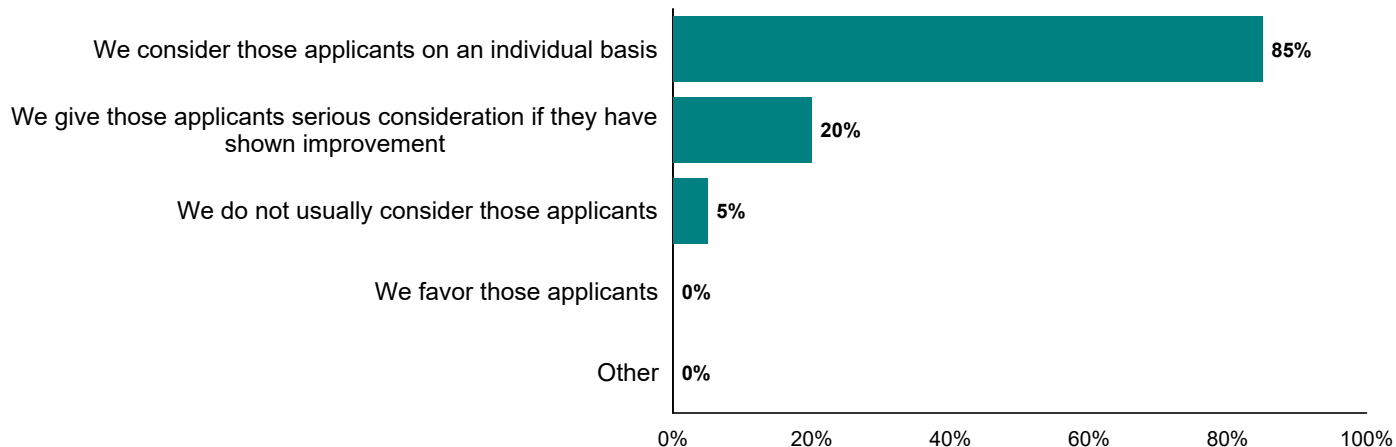
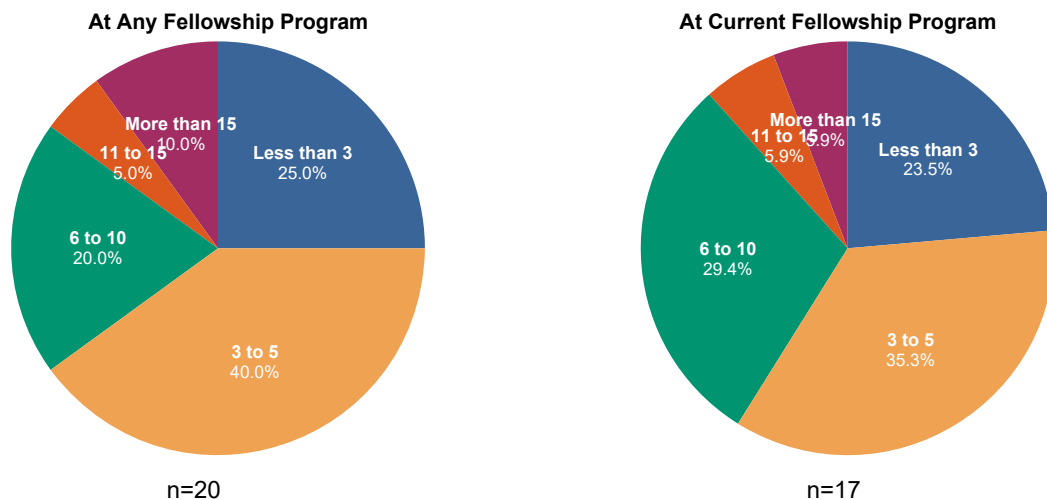


Figure-11

**Pediatric Anesthesiology
Years as Program Director**





Pediatric Cardiology

2016 Survey

Number of responses	28
Response rate	50.9%

Match Information*

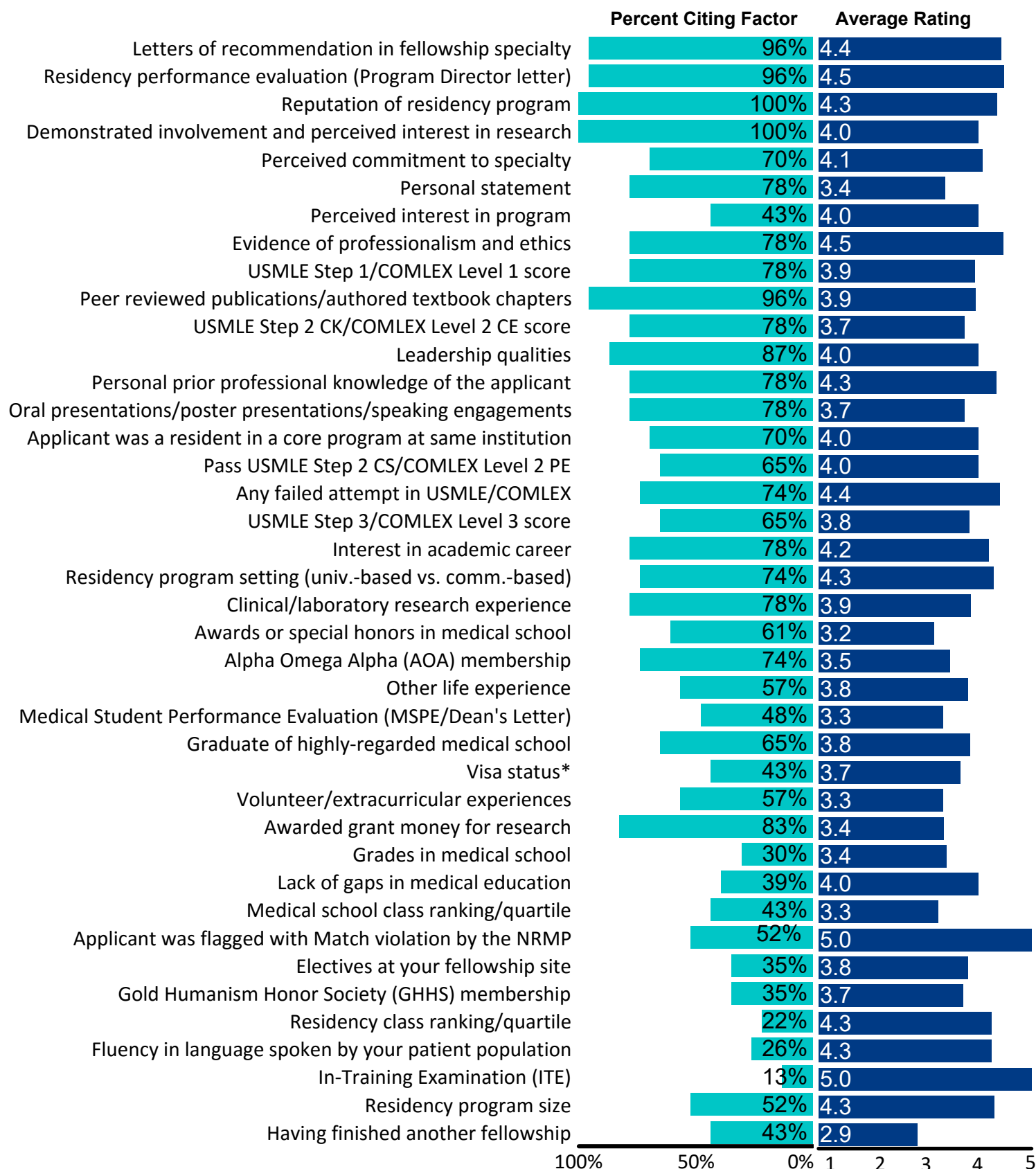
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	56	57	57
Number of positions in the Match	139	141	141
Number of applicants ranking specialty	162	181	167

* Source: NRMP Data Warehouse

Figure-1

Pediatric Cardiology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=23)



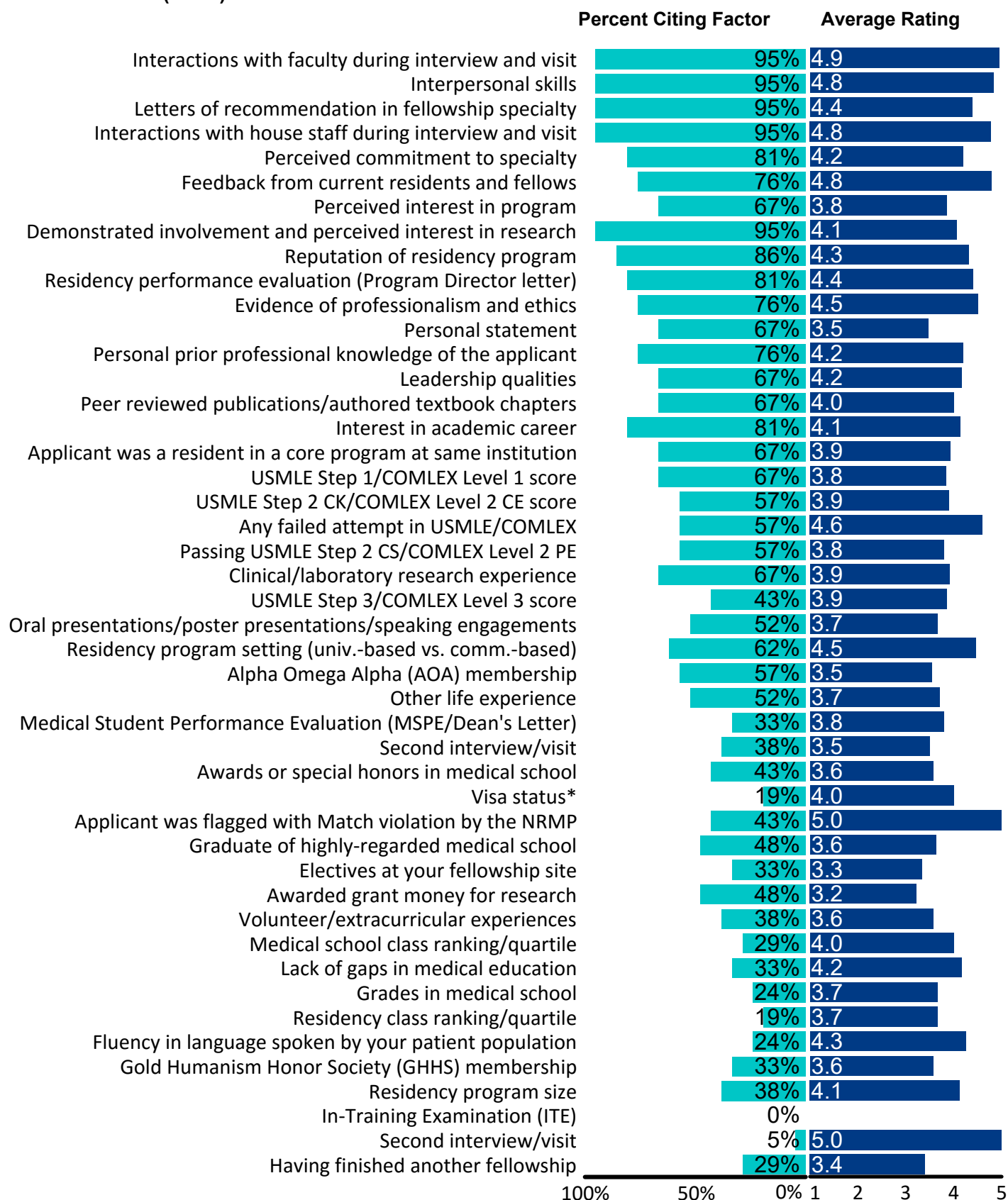
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

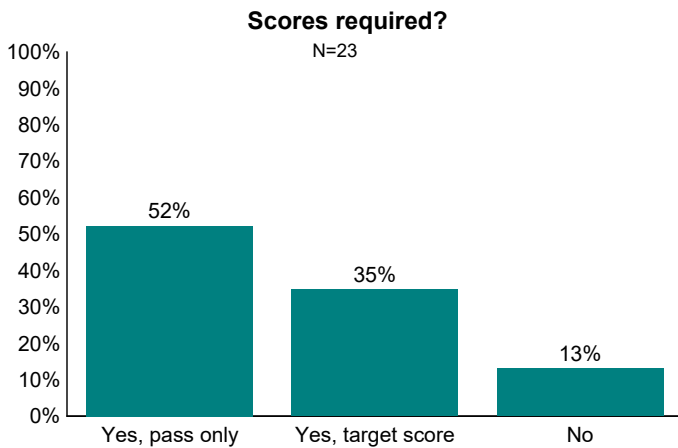
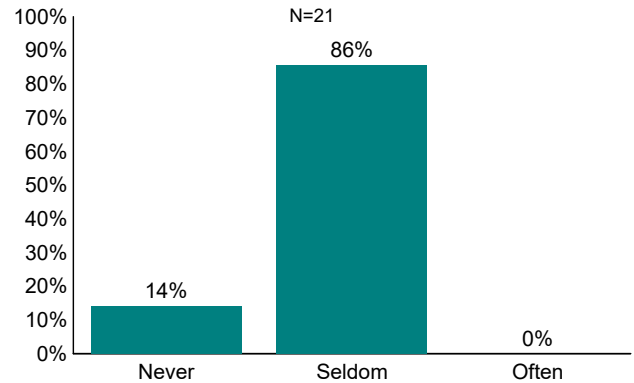
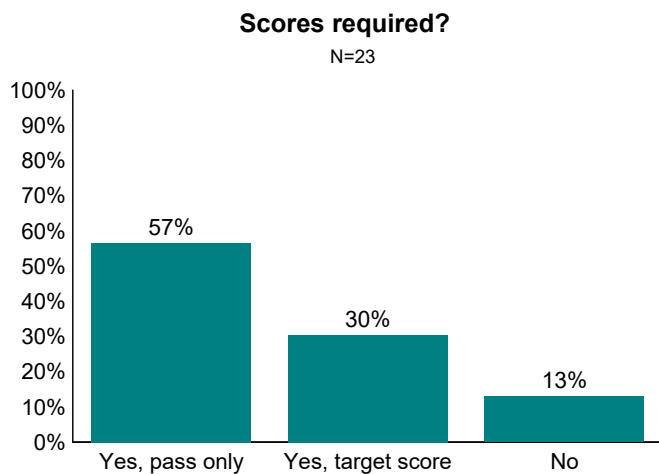
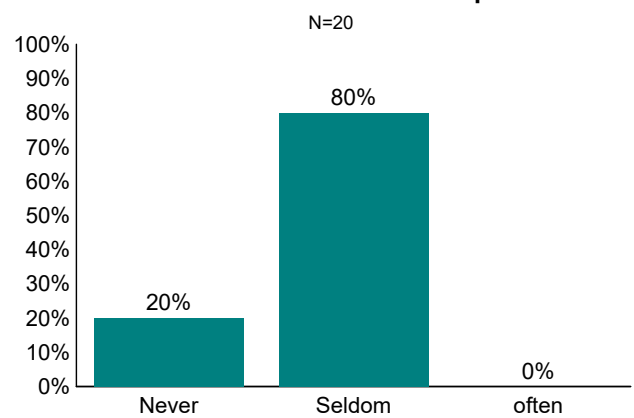
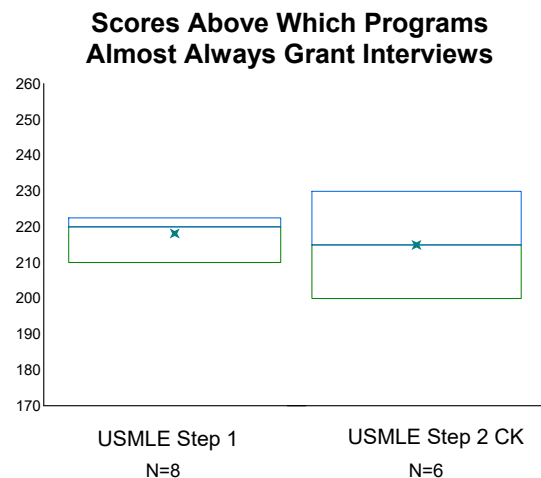
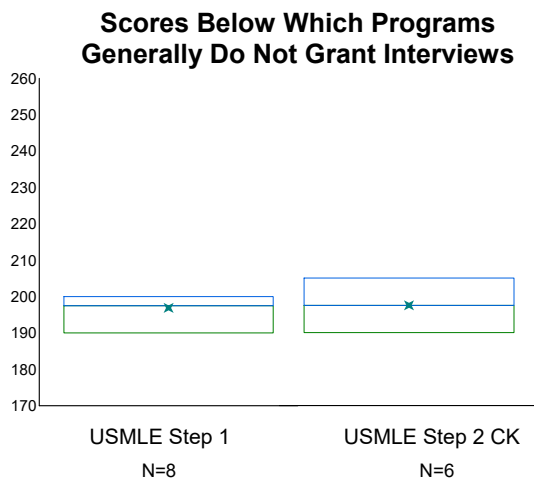
Pediatric Cardiology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=23)



¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-3**Pediatric Cardiology****Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When Considering Which Applicants to Interview****Percentage of Programs That Use USMLE Step 1 Score****Would your program consider applicants who fail the exam on the first attempt?**
N=21**Percentage of Programs That Use USMLE Step 2 (CK) Score****Would your program consider applicants who fail the exam on the first attempt?**
N=20**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs Consider When Granting Interviews**

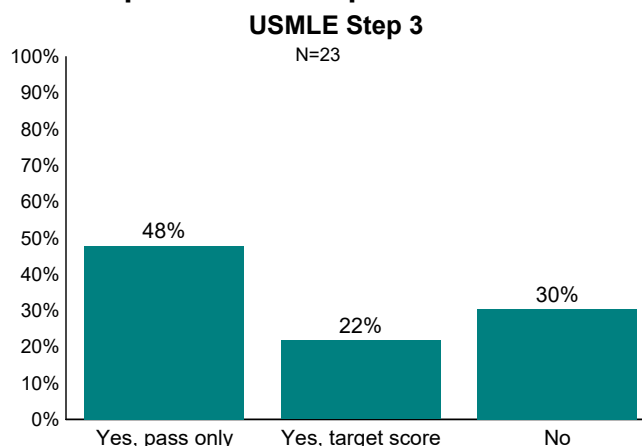
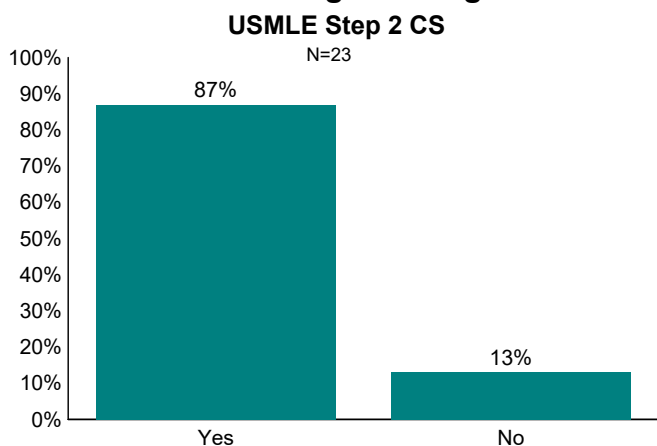
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

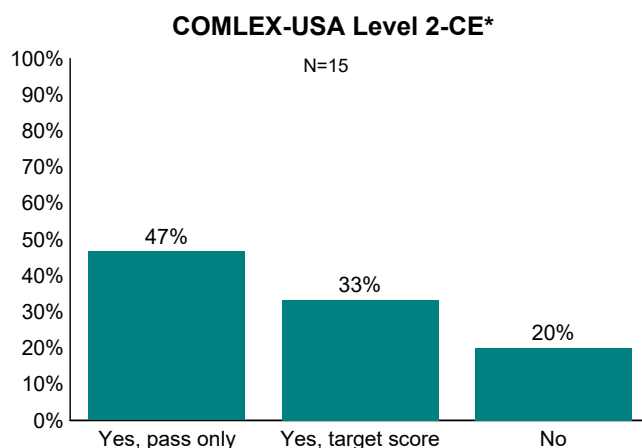
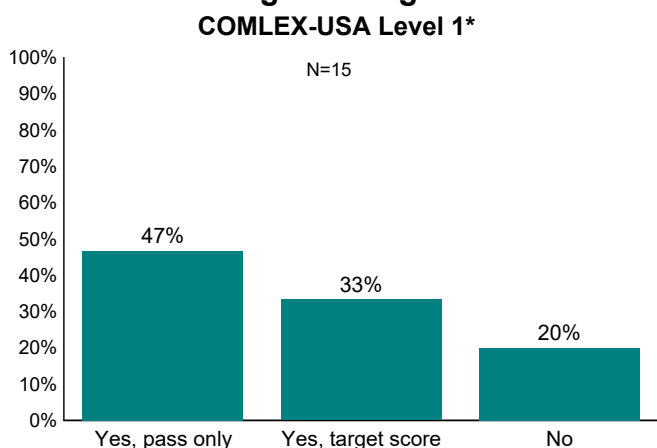
Pediatric Cardiology

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

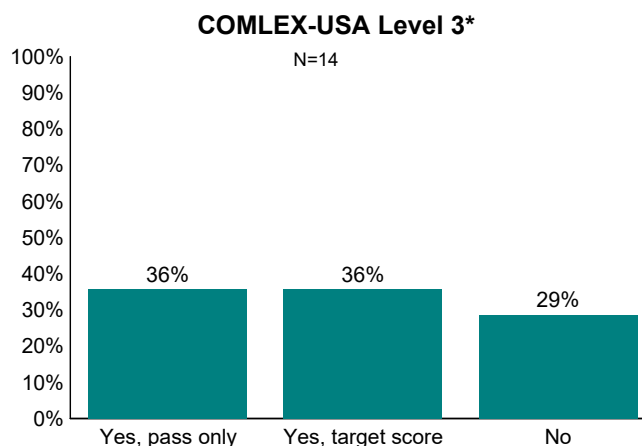
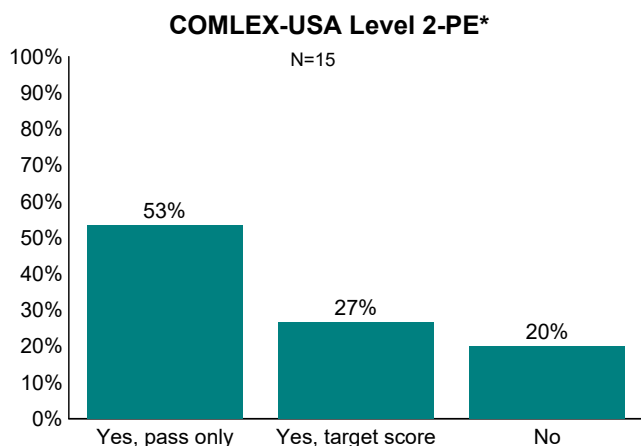
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

**Pediatric Cardiology
Programs That Use Core Specialty Certifying Examination When Considering
Applicants for Interview**

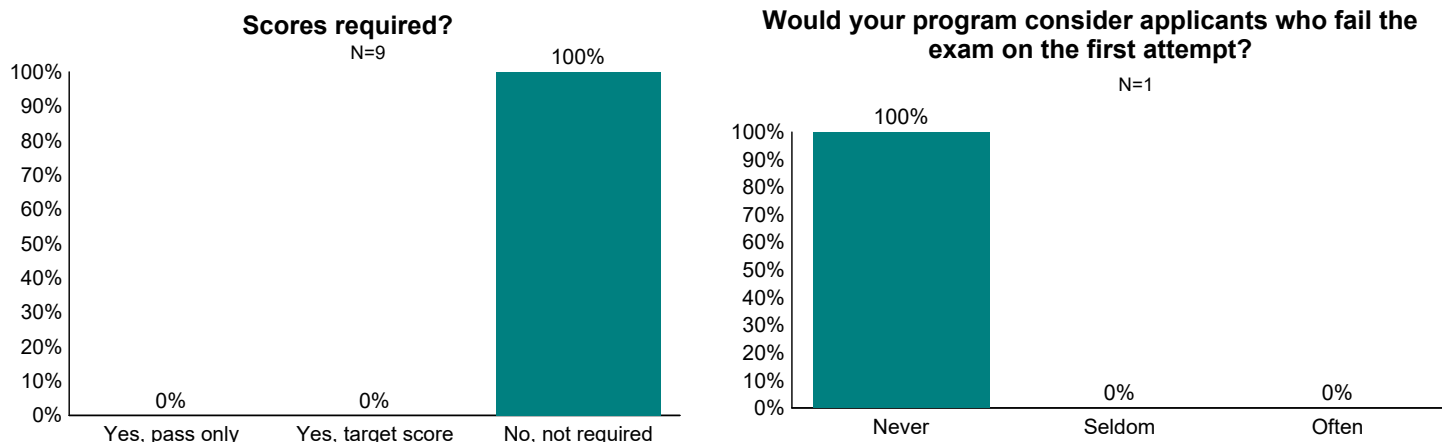


Figure-6

**Pediatric Cardiology
Programs Positions**

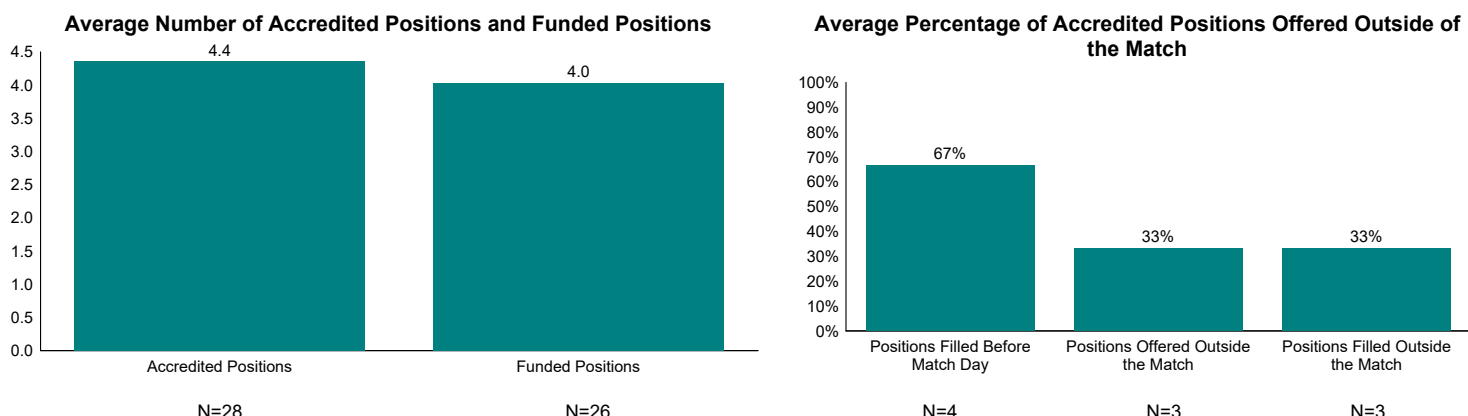
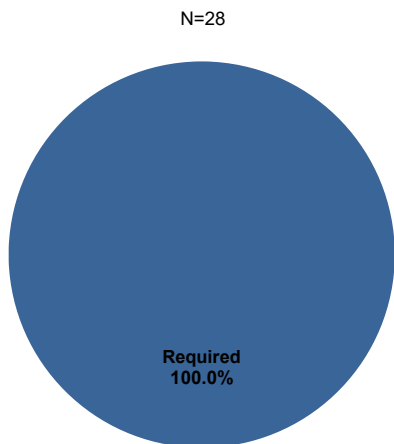


Figure-7

**Pediatric Cardiology
Dedicated Time for Research**

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

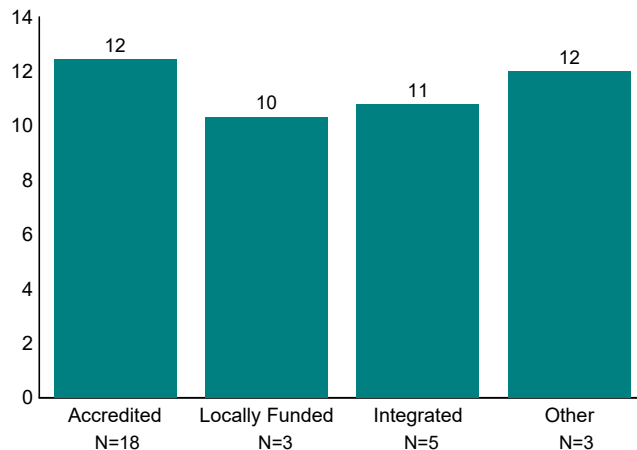
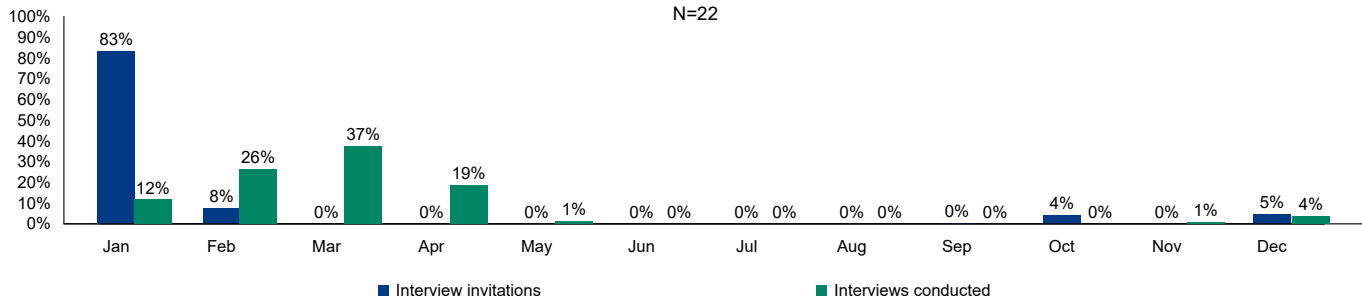


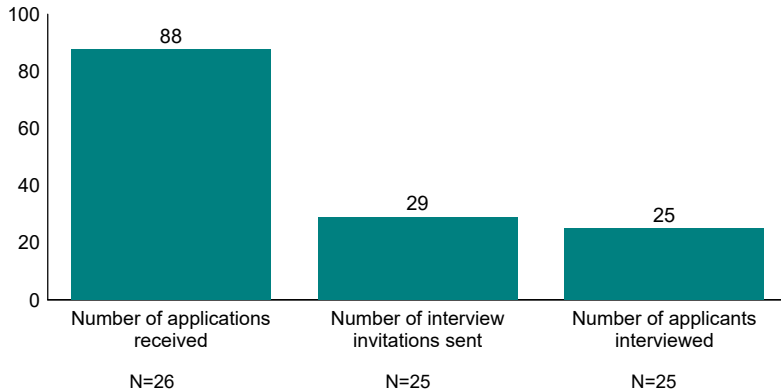
Figure-8

Pediatric Cardiology Program's Interview Activities

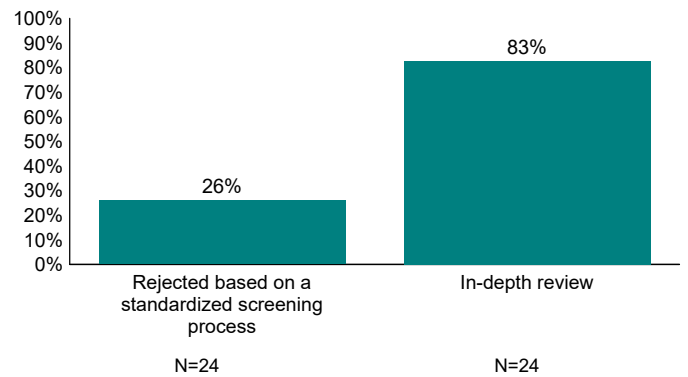
Interview Invitations Sent and Interviews Conducted



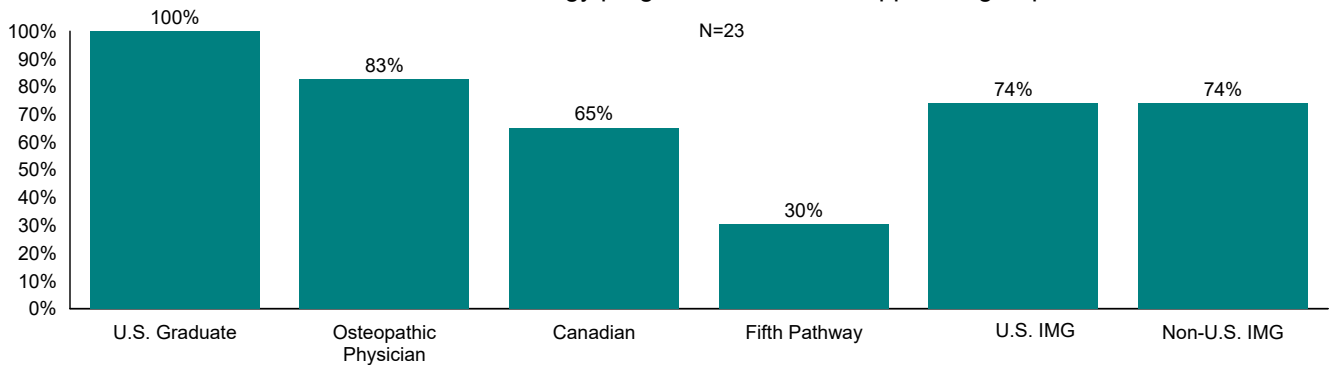
Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked



Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type
30% of Pediatric Cardiology programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

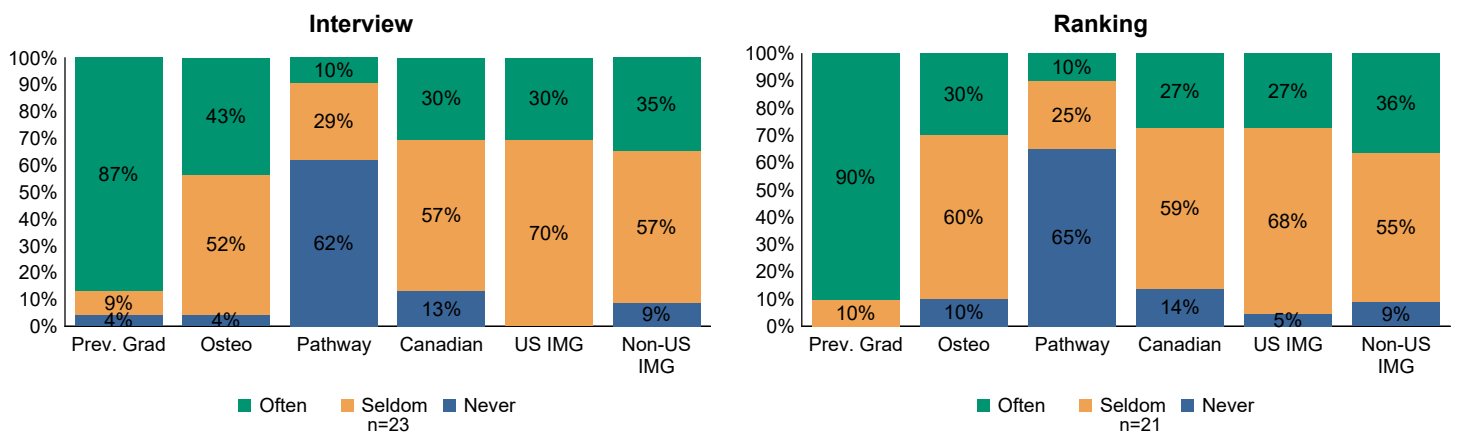


Figure-9

**Pediatric Cardiology
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=21

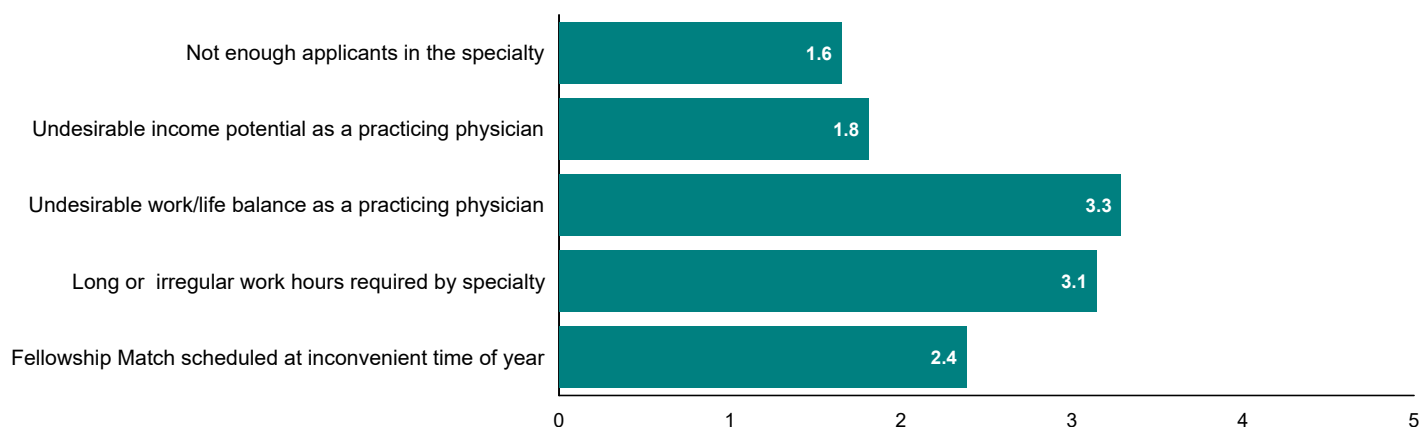


Figure-10

**Pediatric Cardiology
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=21

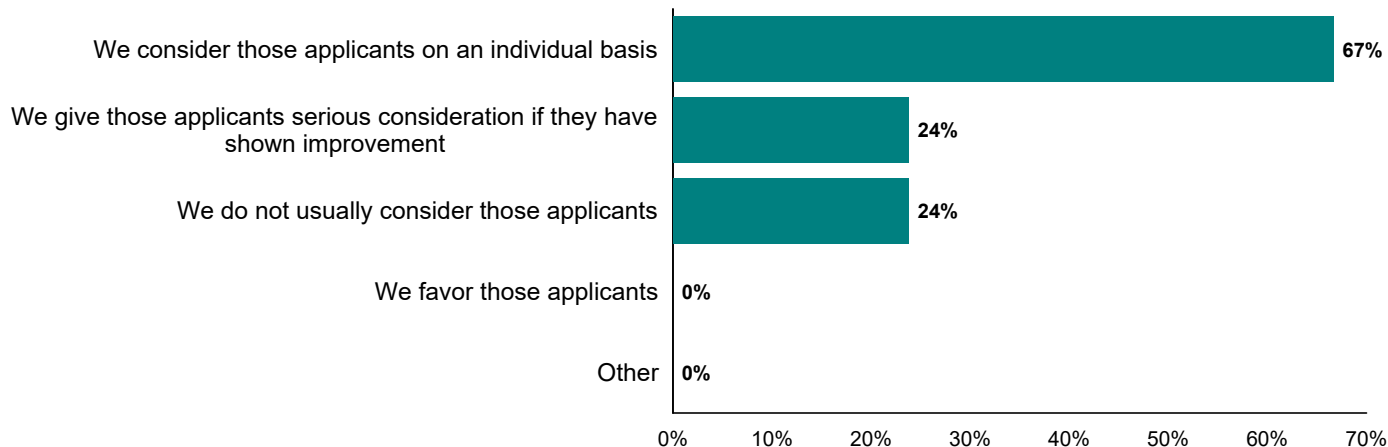
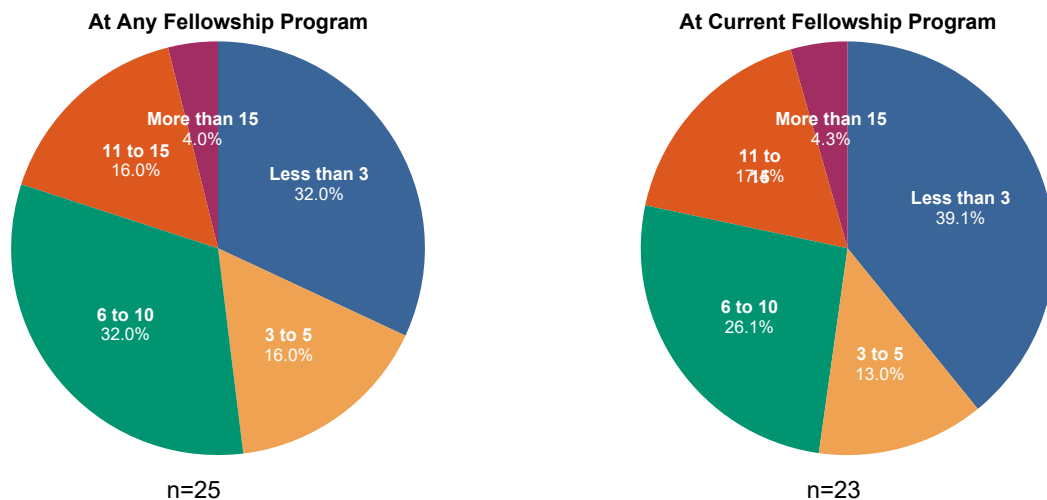


Figure-11

**Pediatric Cardiology
Years as Program Director**





Pediatric Critical Care Medicine

2016 Survey

Number of responses	35
Response rate	55.6%

Match Information*

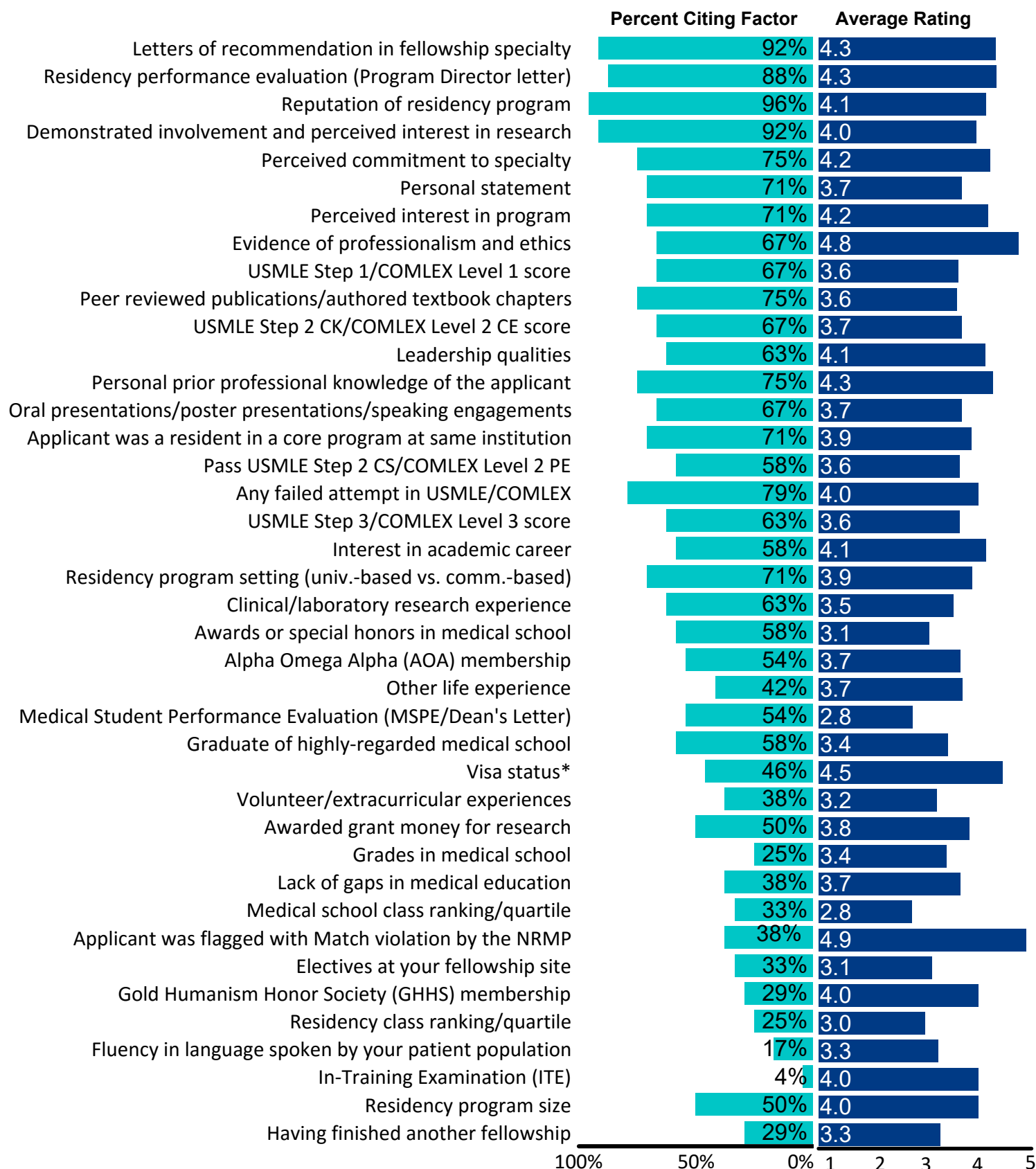
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	65	62	63
Number of positions in the Match	175	168	169
Number of applicants ranking specialty	186	206	168

* Source: NRMP Data Warehouse

Figure-1

Pediatric Critical Care Medicine

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=24)



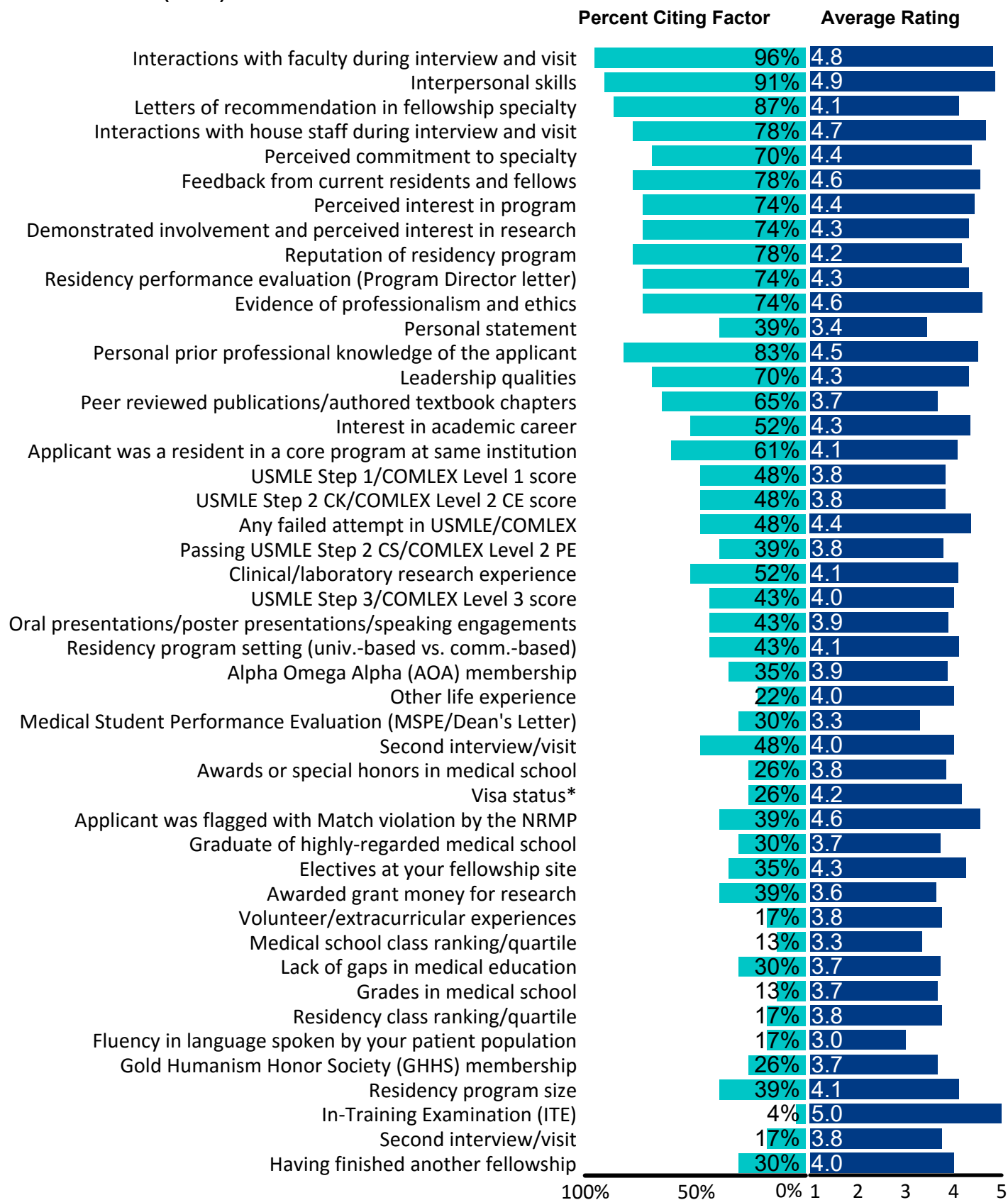
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Pediatric Critical Care Medicine

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=24)



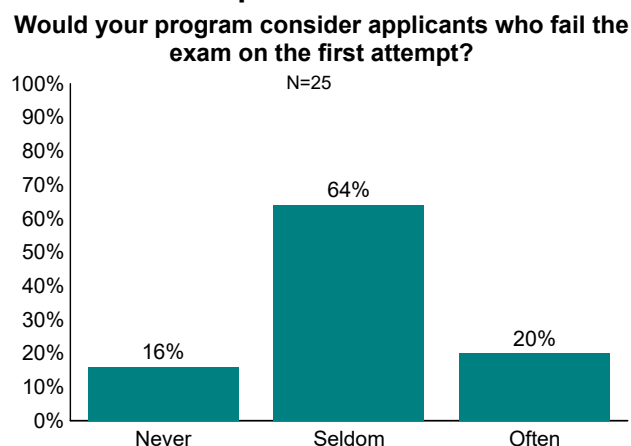
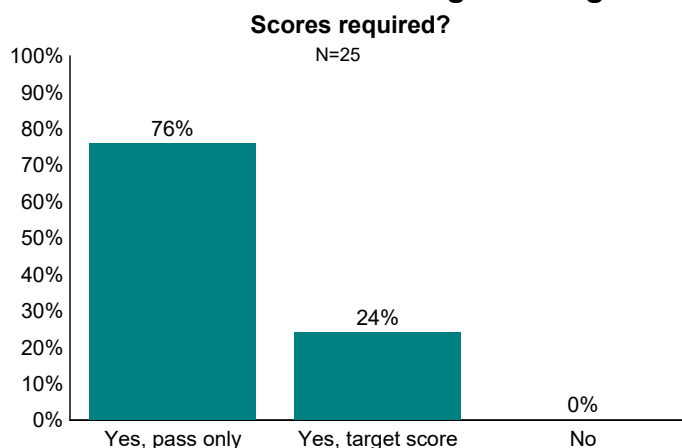
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

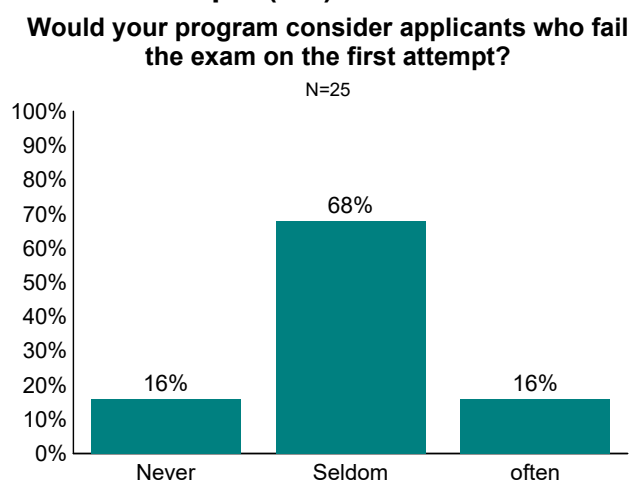
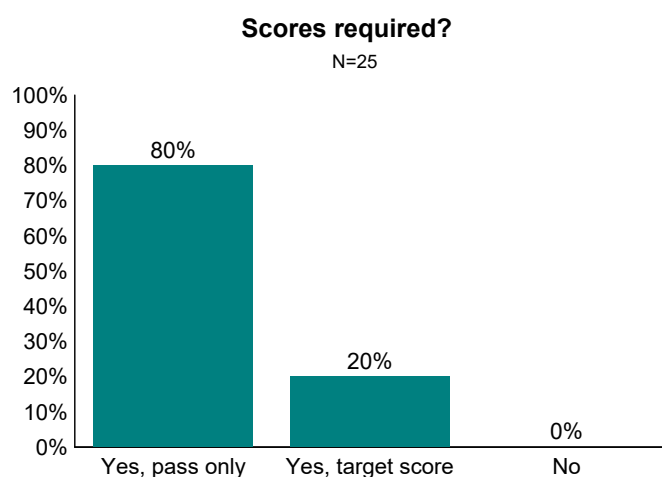
Figure-3

**Pediatric Critical Care Medicine
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

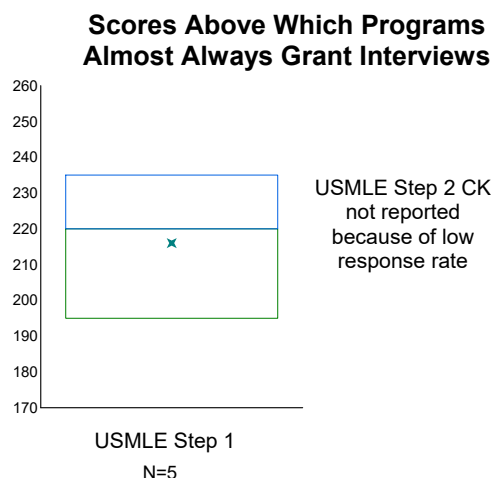
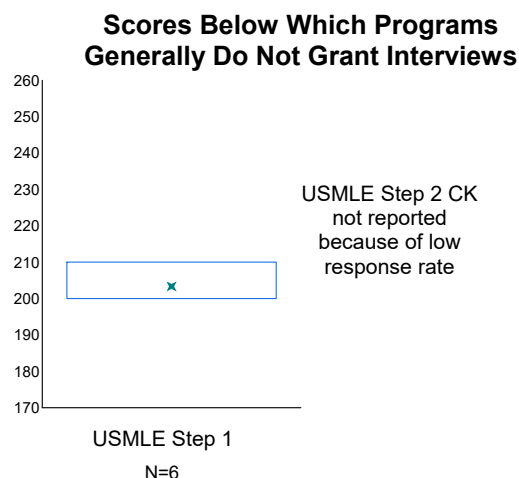
Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**



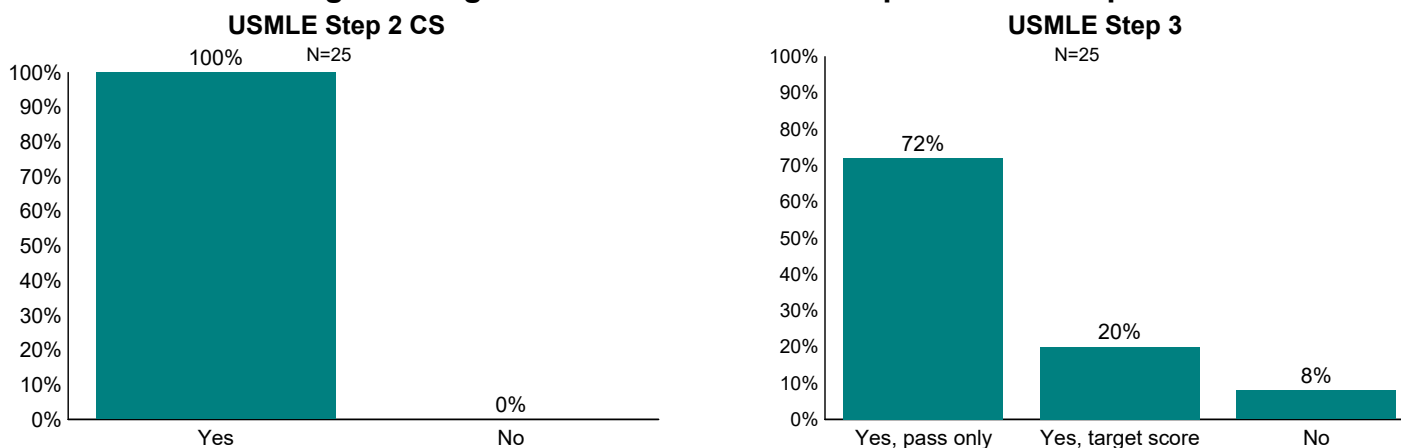
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

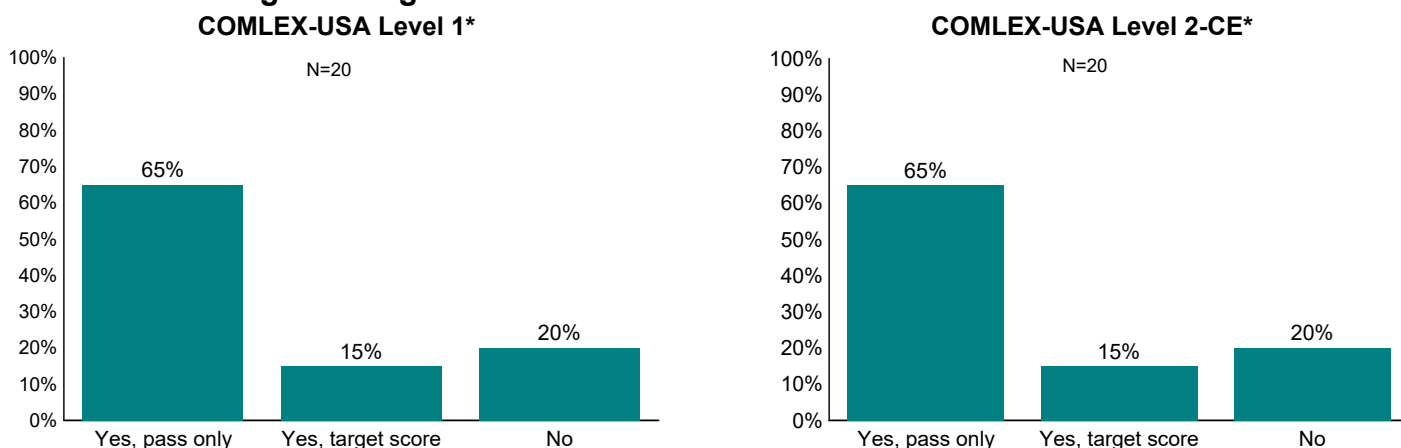
Pediatric Critical Care Medicine

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

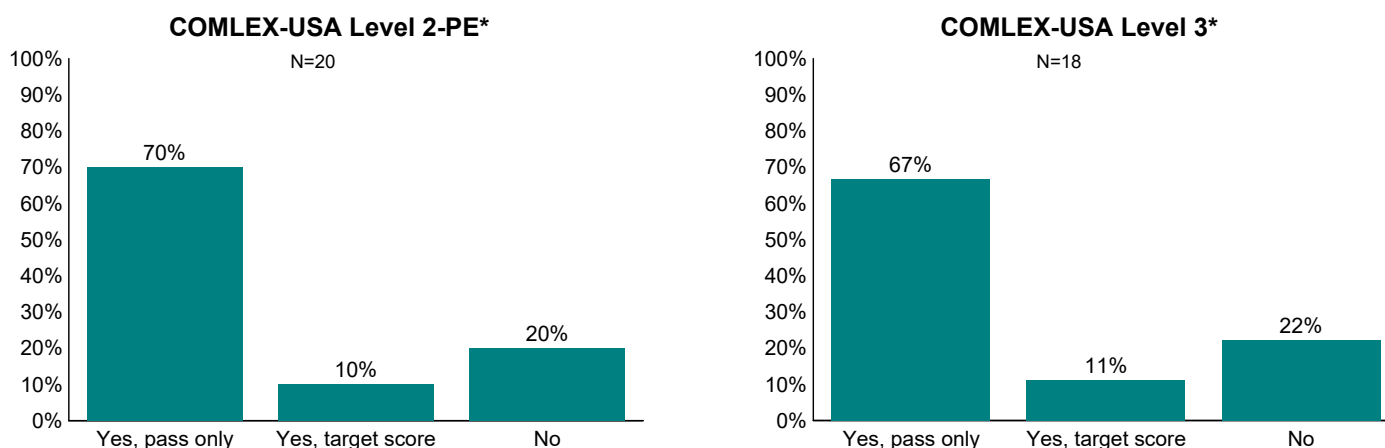
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Pediatric Critical Care Medicine Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

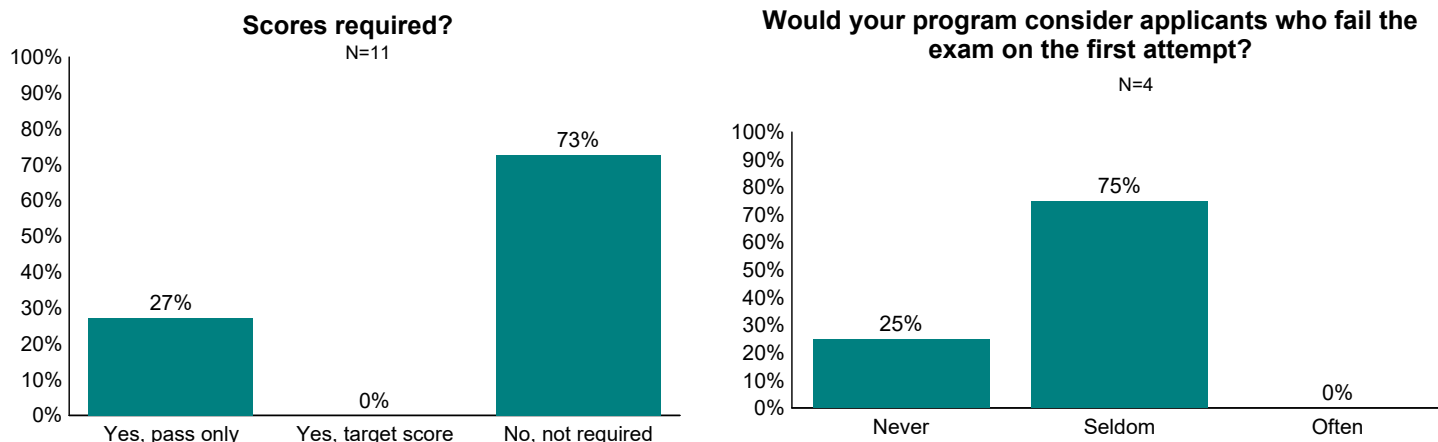


Figure-6

Pediatric Critical Care Medicine Programs Positions

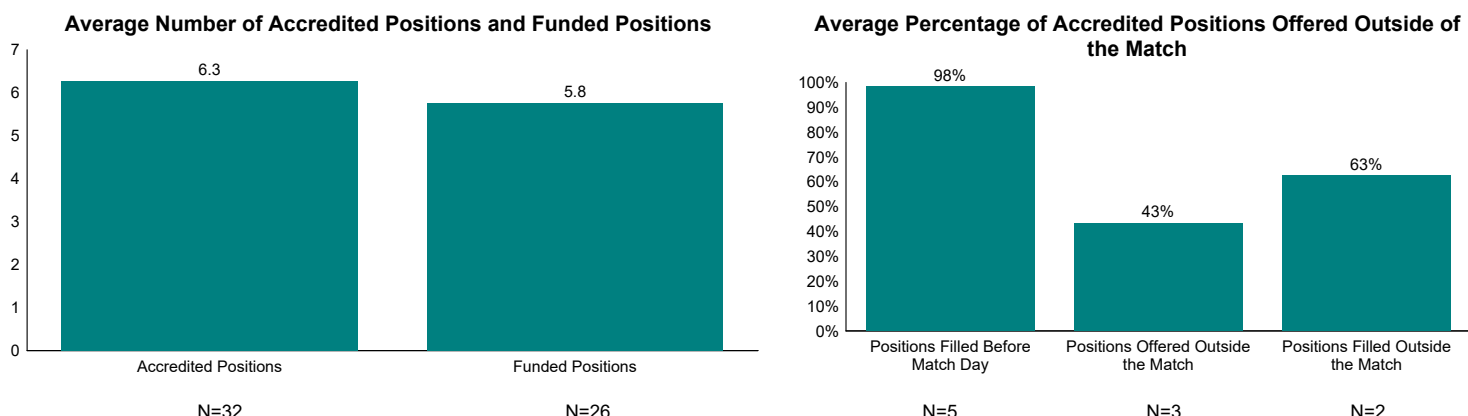
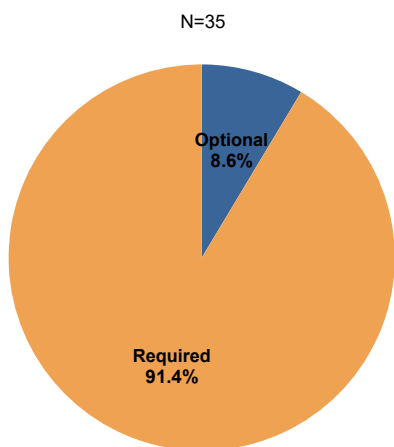


Figure-7

Pediatric Critical Care Medicine Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

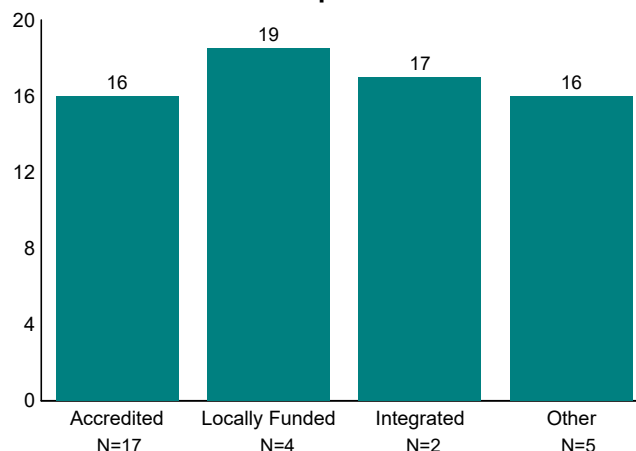
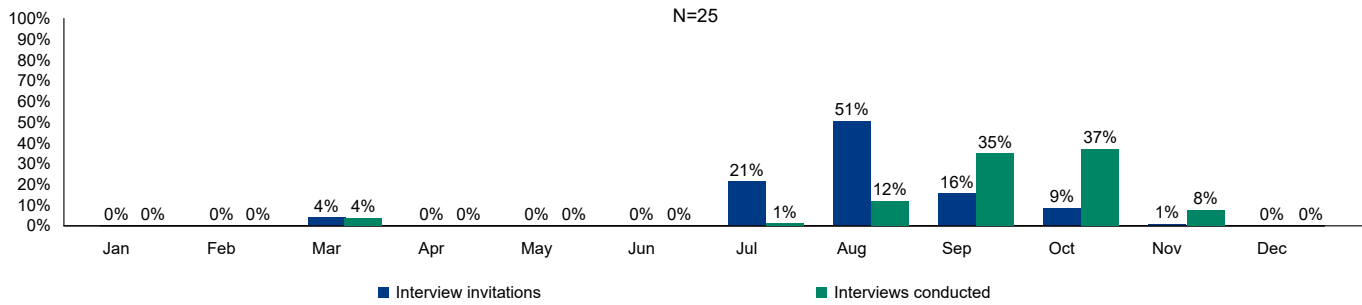


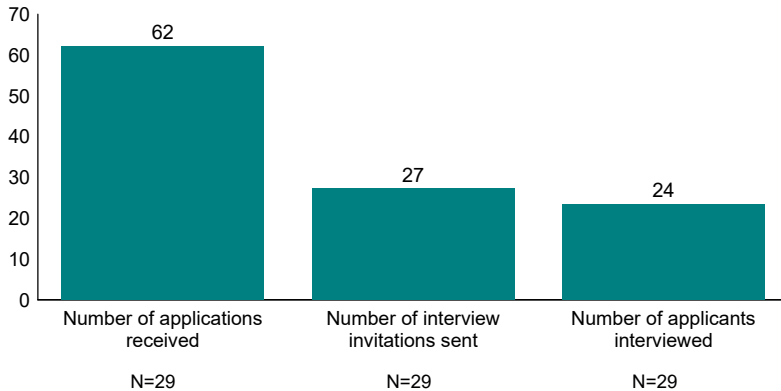
Figure-8

Pediatric Critical Care Medicine Program's Interview Activities

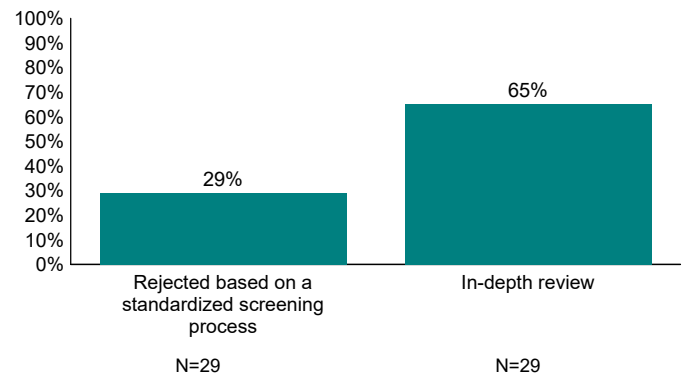
Interview Invitations Sent and Interviews Conducted



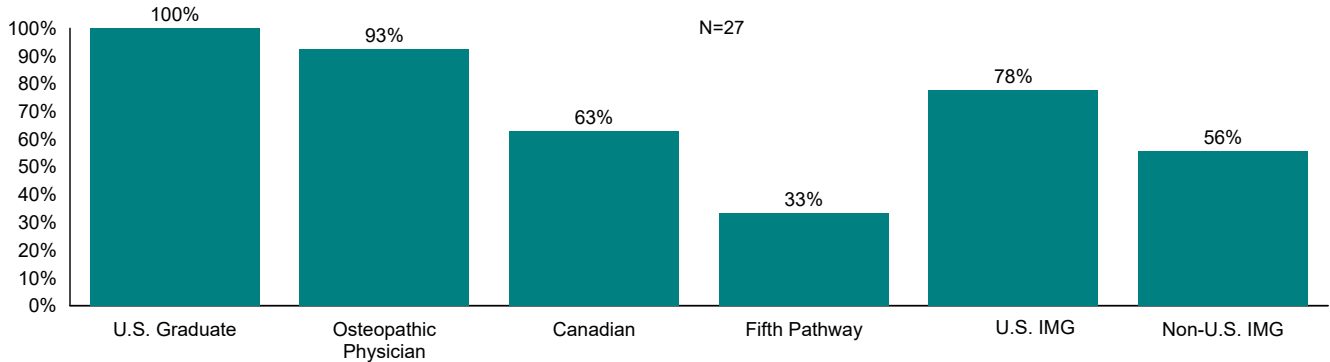
Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked



Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type
26% of Pediatric Critical Care Medicine programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

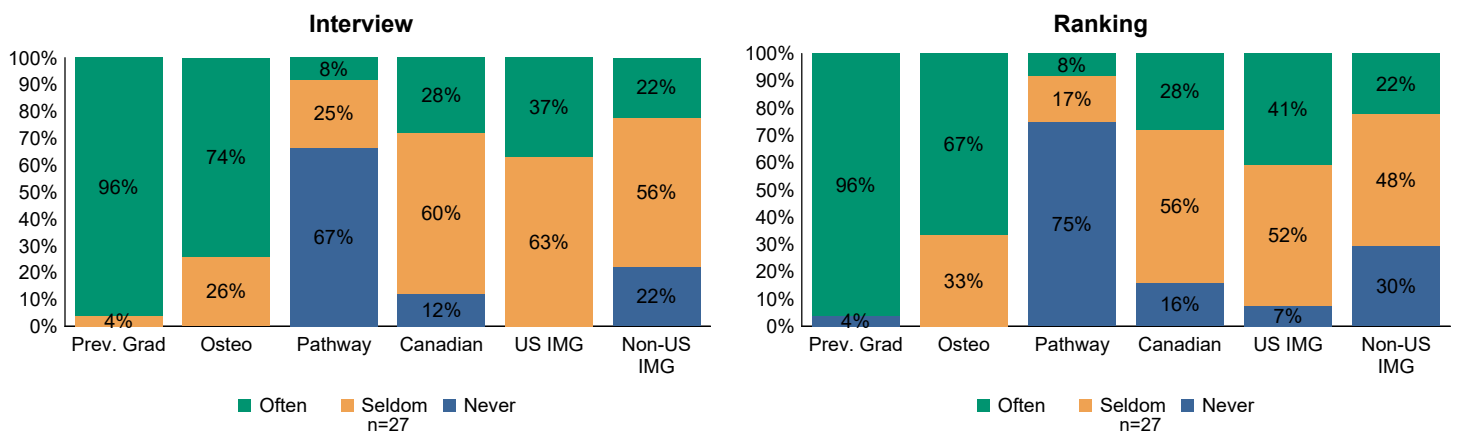
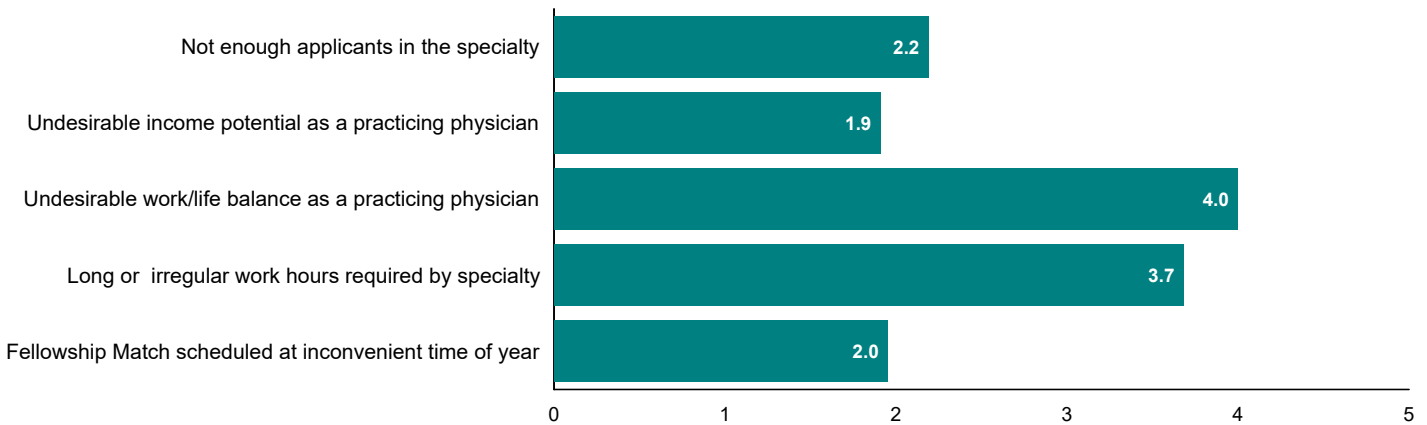
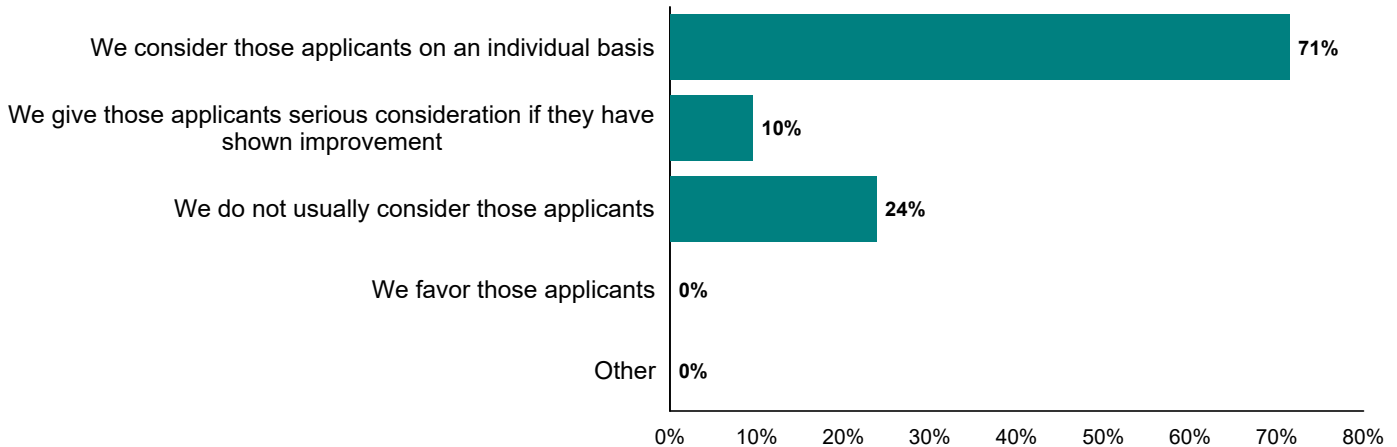
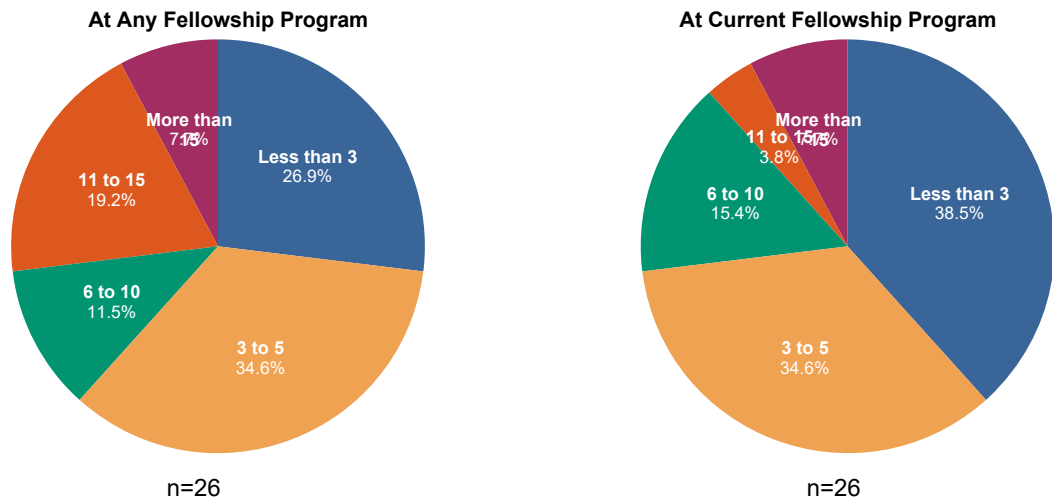


Figure-9**Pediatric Critical Care Medicine
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=22

**Figure-10****Pediatric Critical Care Medicine
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=21

**Figure-11****Pediatric Critical Care Medicine
Years as Program Director**



Pediatric Emergency Medicine

2016 Survey

Number of responses	32
Response rate	45.1%

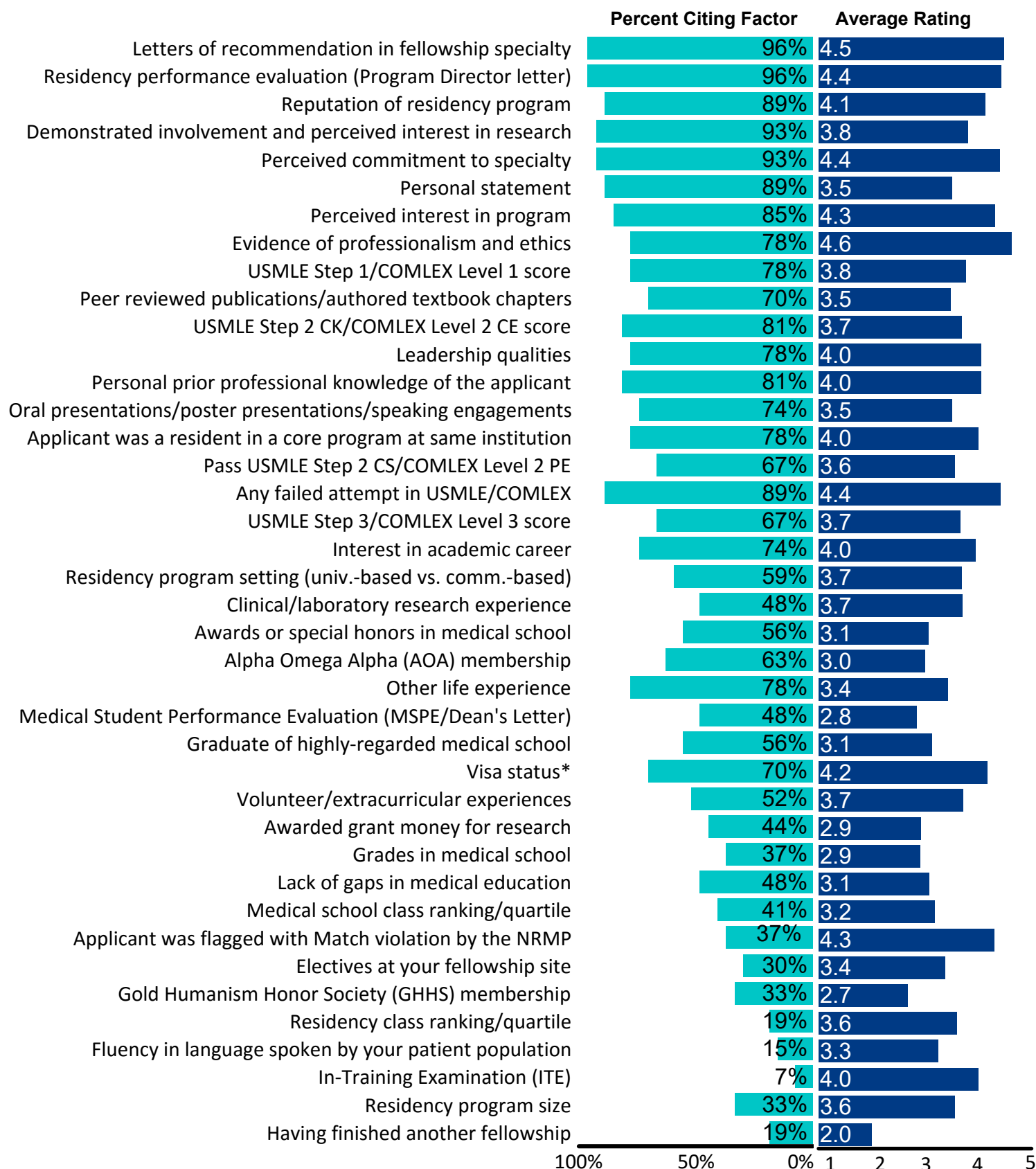
Match Information*

	Appointment Years		
	2016	2015	2014
Number of programs in the Match	73	73	74
Number of positions in the Match	177	162	163
Number of applicants ranking specialty	208	201	215

* Source: NRMP Data Warehouse

Figure-1

**Pediatric Emergency Medicine
Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each
Factor in Selecting Applicants to Interview
(N=27)**



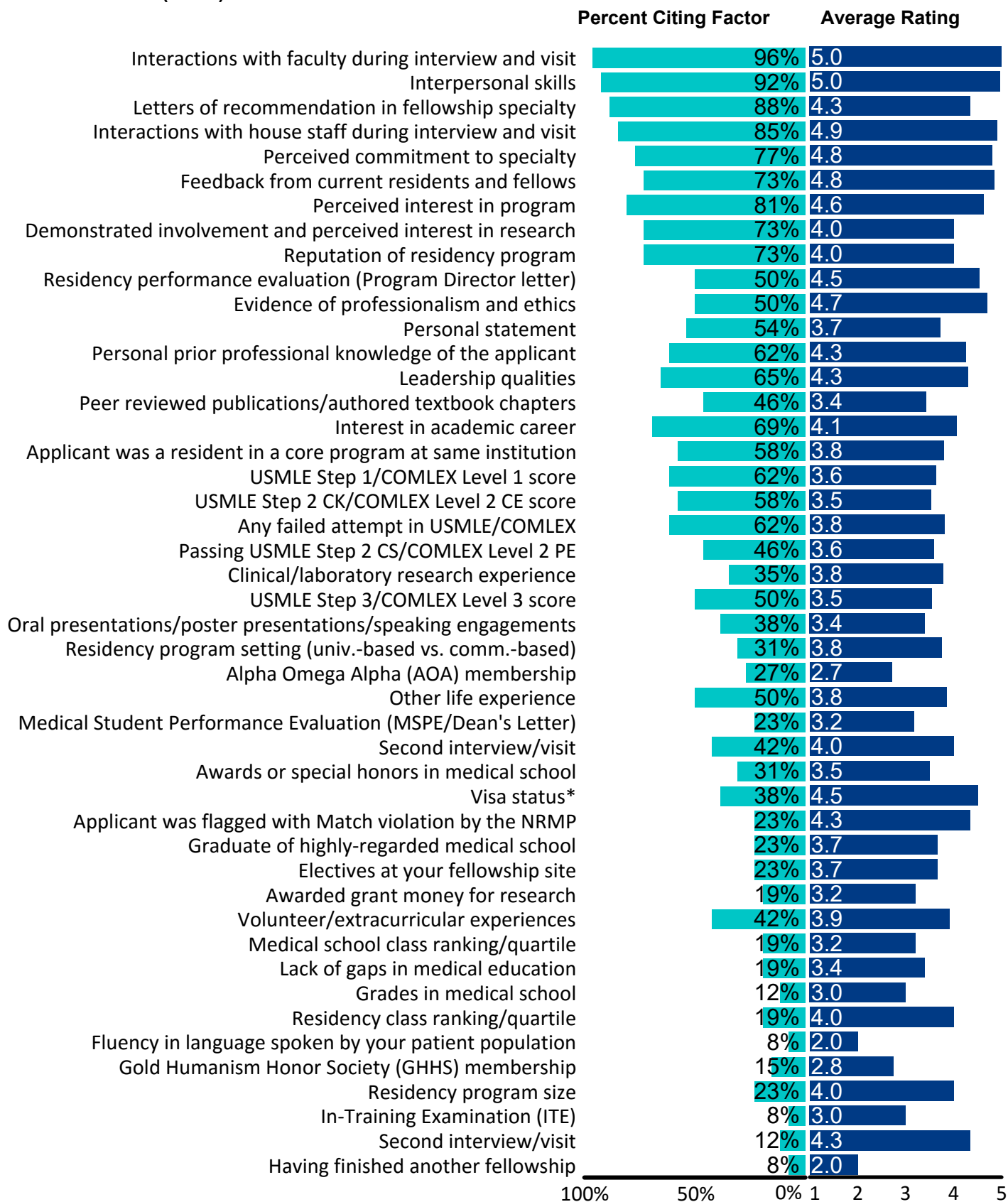
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

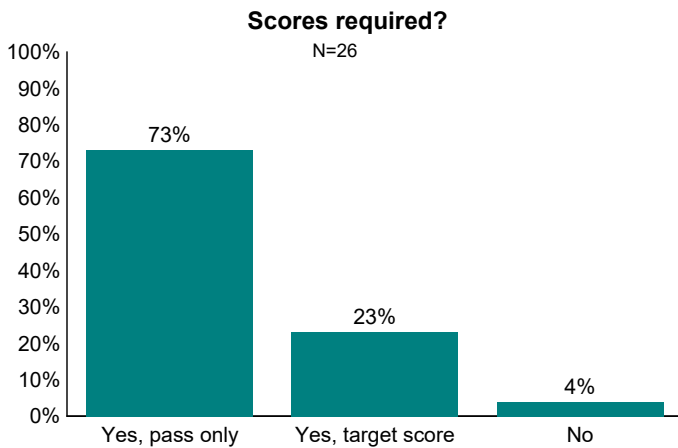
Pediatric Emergency Medicine

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=27)

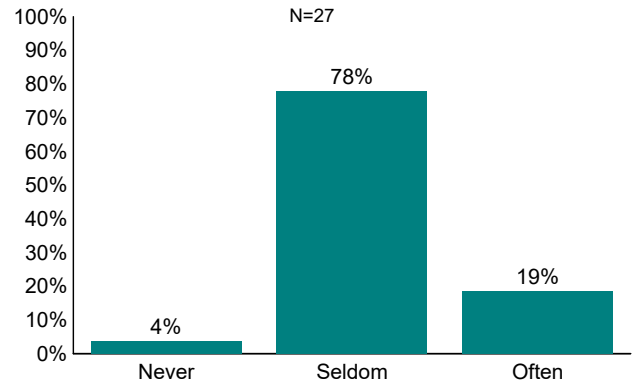
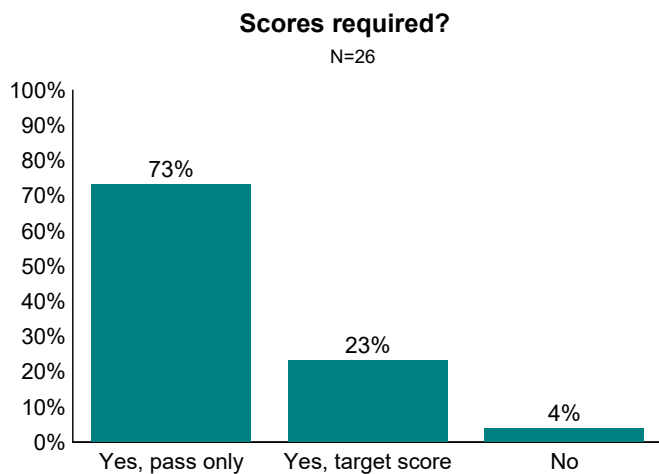


¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

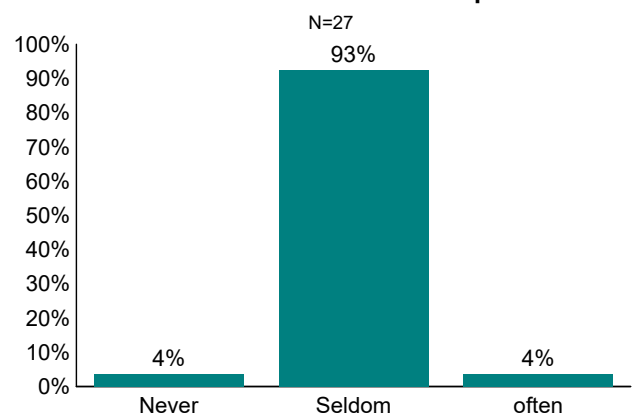
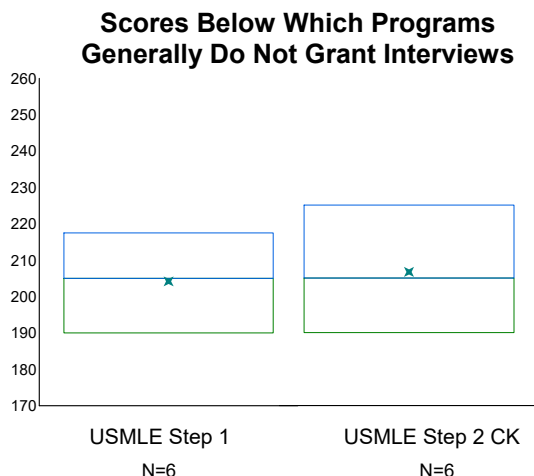
* International Medical Graduates only

Figure-3**Pediatric Emergency Medicine****Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When Considering Which Applicants to Interview****Percentage of Programs That Use USMLE Step 1 Score**

Would your program consider applicants who fail the exam on the first attempt?
N=27

**Percentage of Programs That Use USMLE Step 2 (CK) Score**

Would your program consider applicants who fail the exam on the first attempt?
N=27

**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs Consider When Granting Interviews**

Scores Above Which Programs Almost Always Grant Interviews

USMLE Step 1 not reported because of low response rate

USMLE Step 2 CK not reported because of low response rate

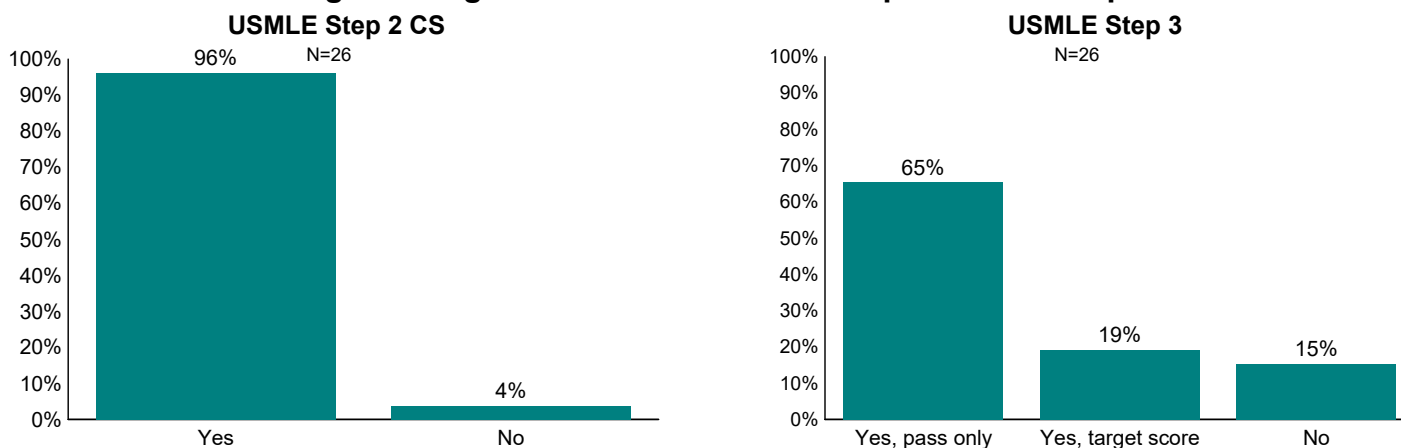
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

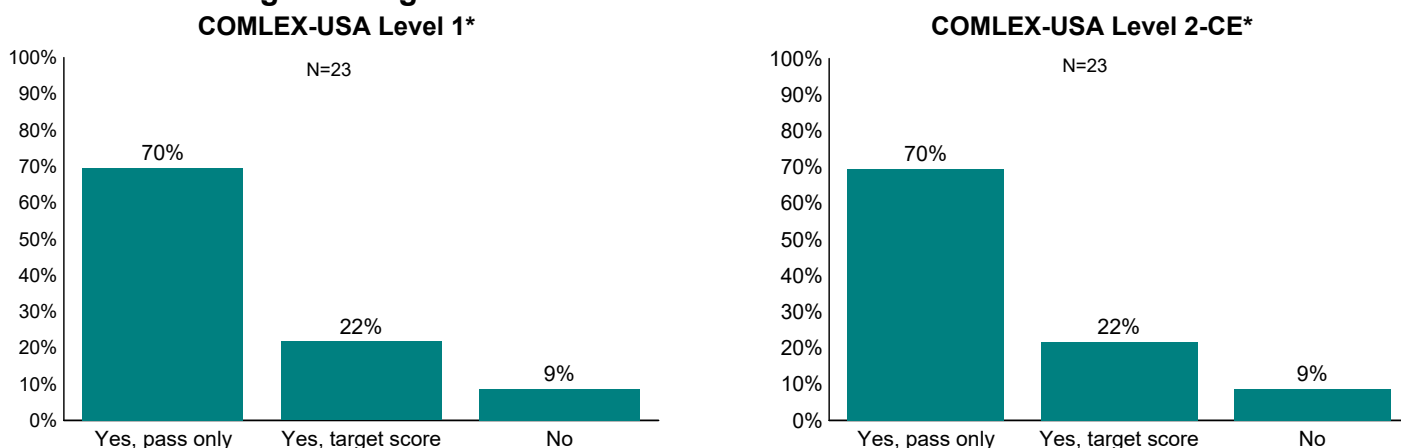
Pediatric Emergency Medicine

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

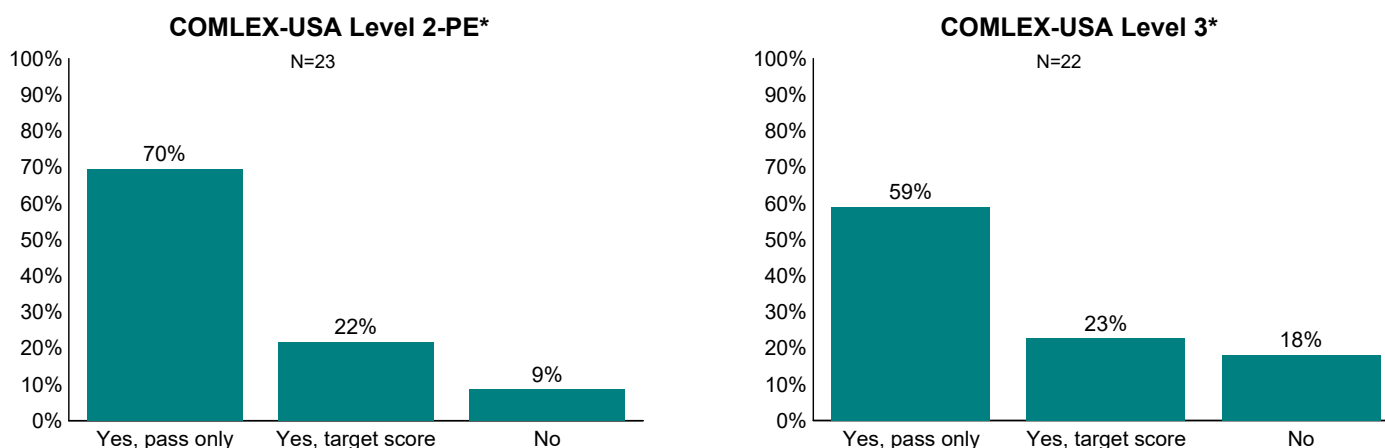
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Pediatric Emergency Medicine Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

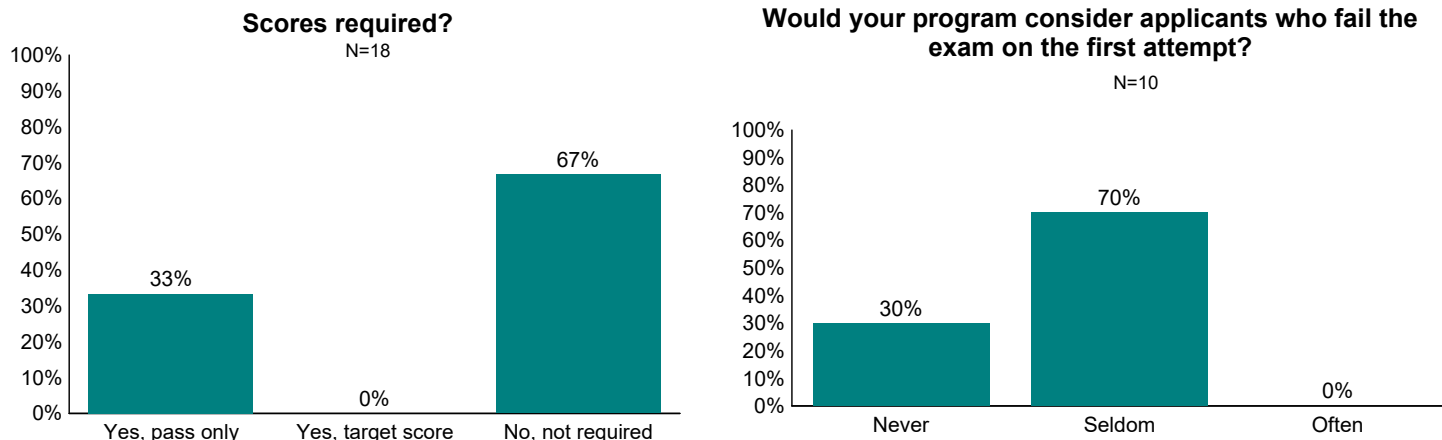


Figure-6

Pediatric Emergency Medicine Programs Positions

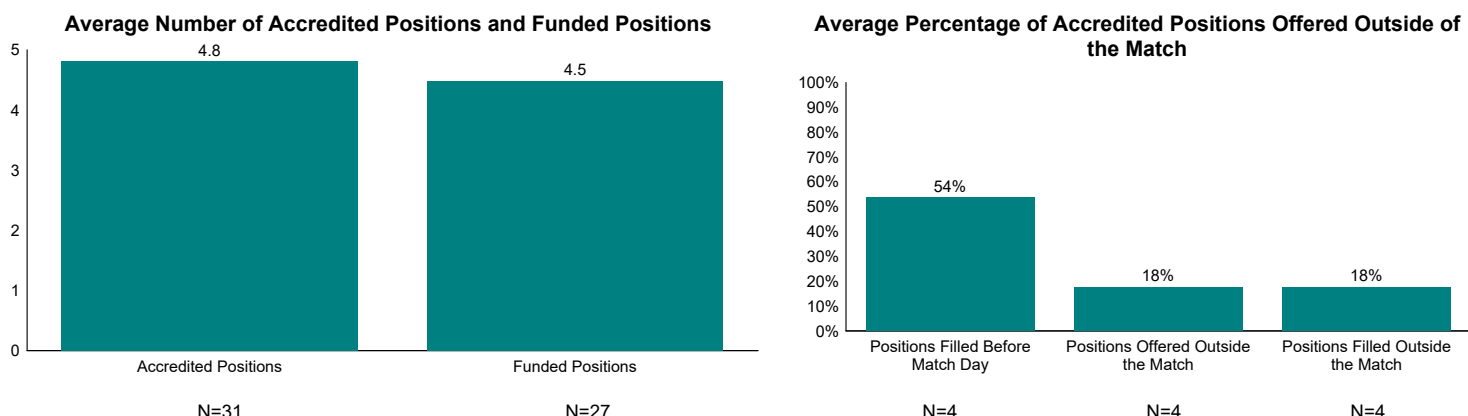
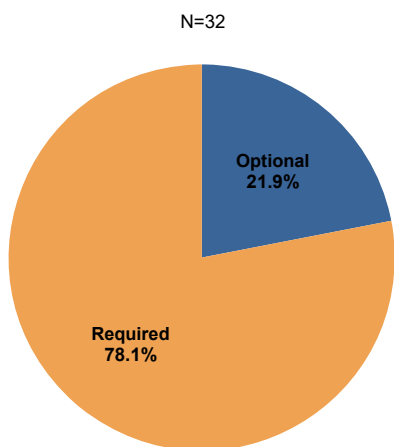


Figure-7

Pediatric Emergency Medicine Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

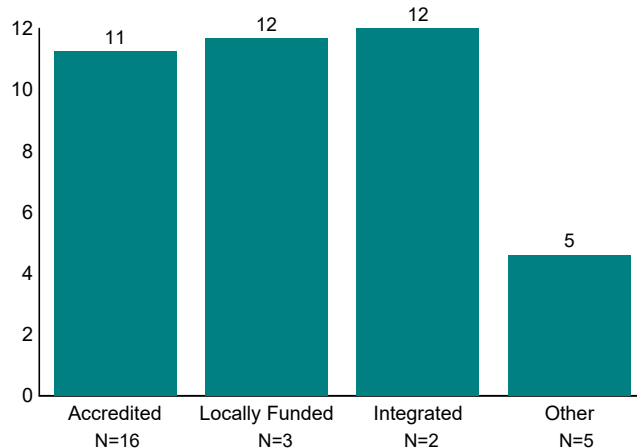
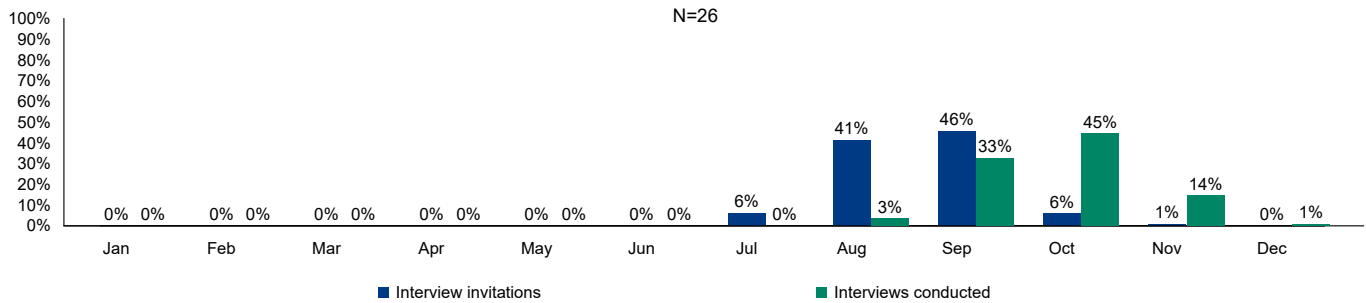


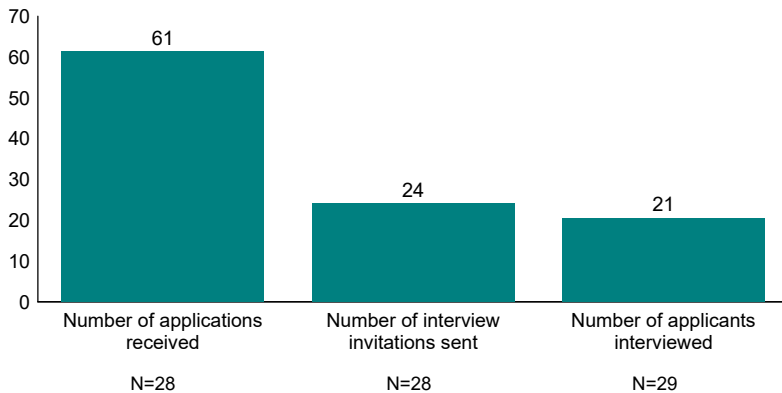
Figure-8

Pediatric Emergency Medicine Program's Interview Activities

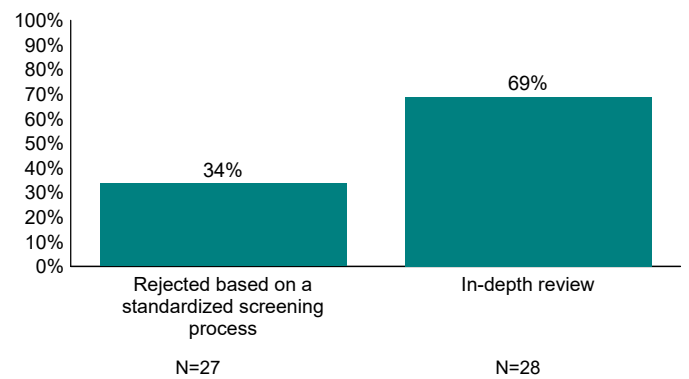
Interview Invitations Sent and Interviews Conducted



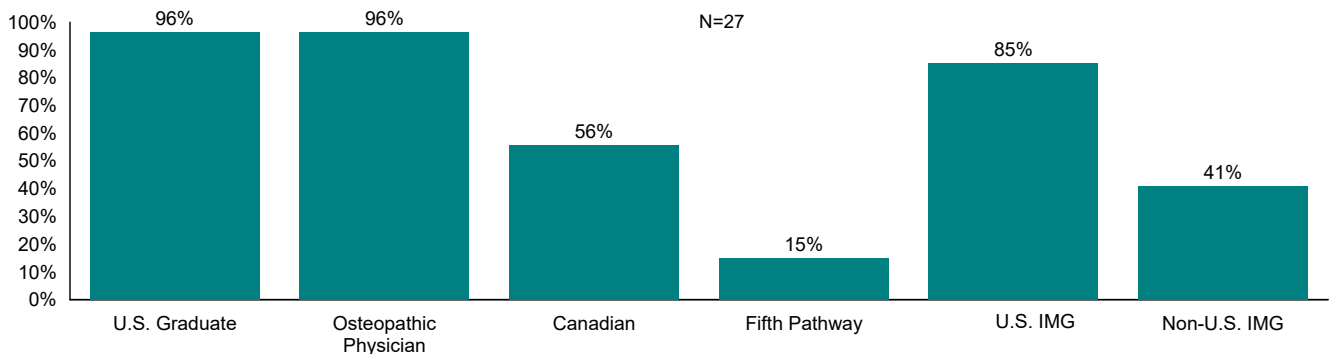
Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked



Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type
15% of Pediatric Emergency Medicine programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

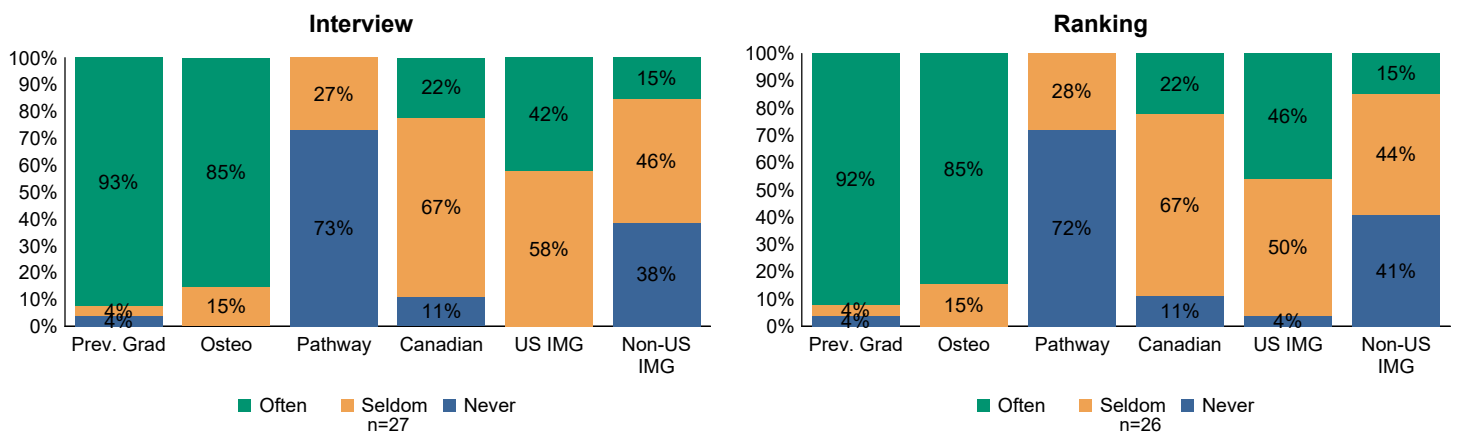


Figure-9

**Pediatric Emergency Medicine
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=25

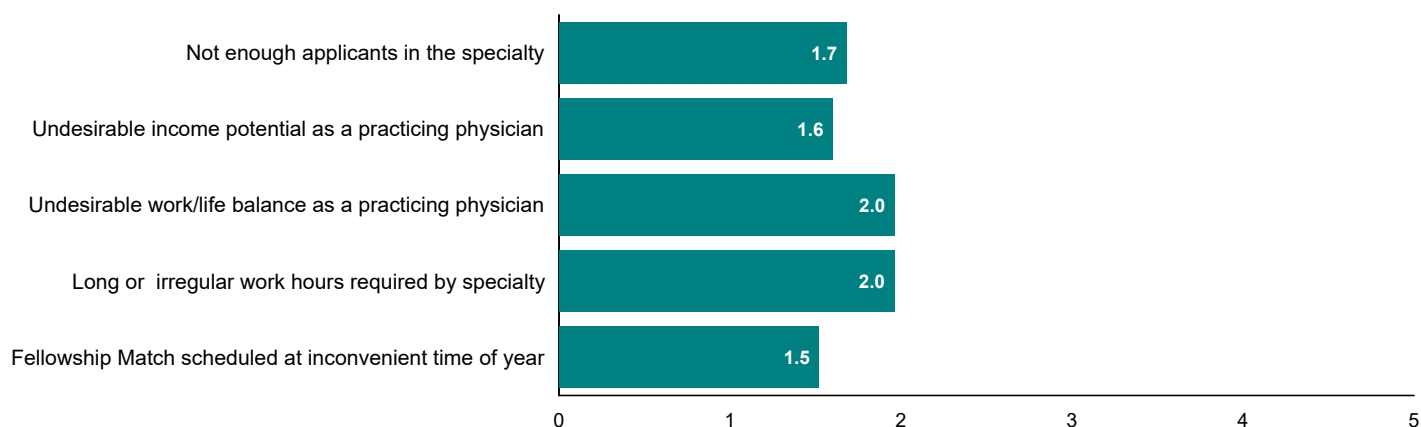


Figure-10

**Pediatric Emergency Medicine
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=24

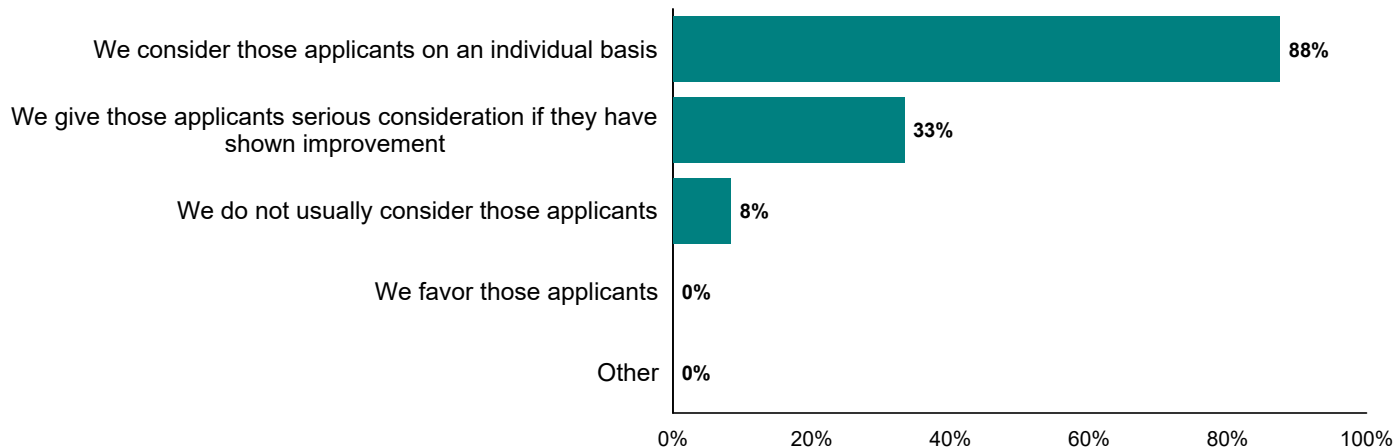
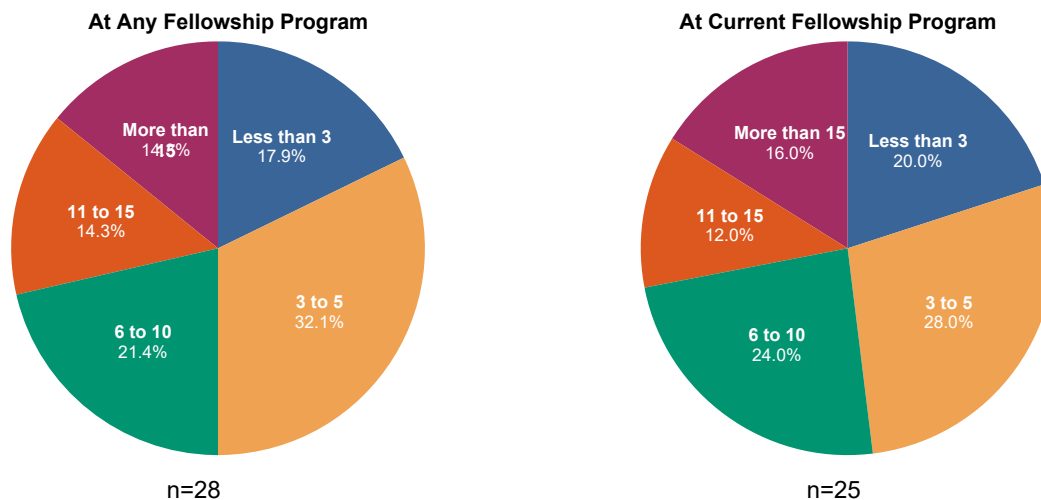


Figure-11

**Pediatric Emergency Medicine
Years as Program Director**





Pediatric Endocrinology

2016 Survey

Number of responses	23
Response rate	41.8%

Match Information*

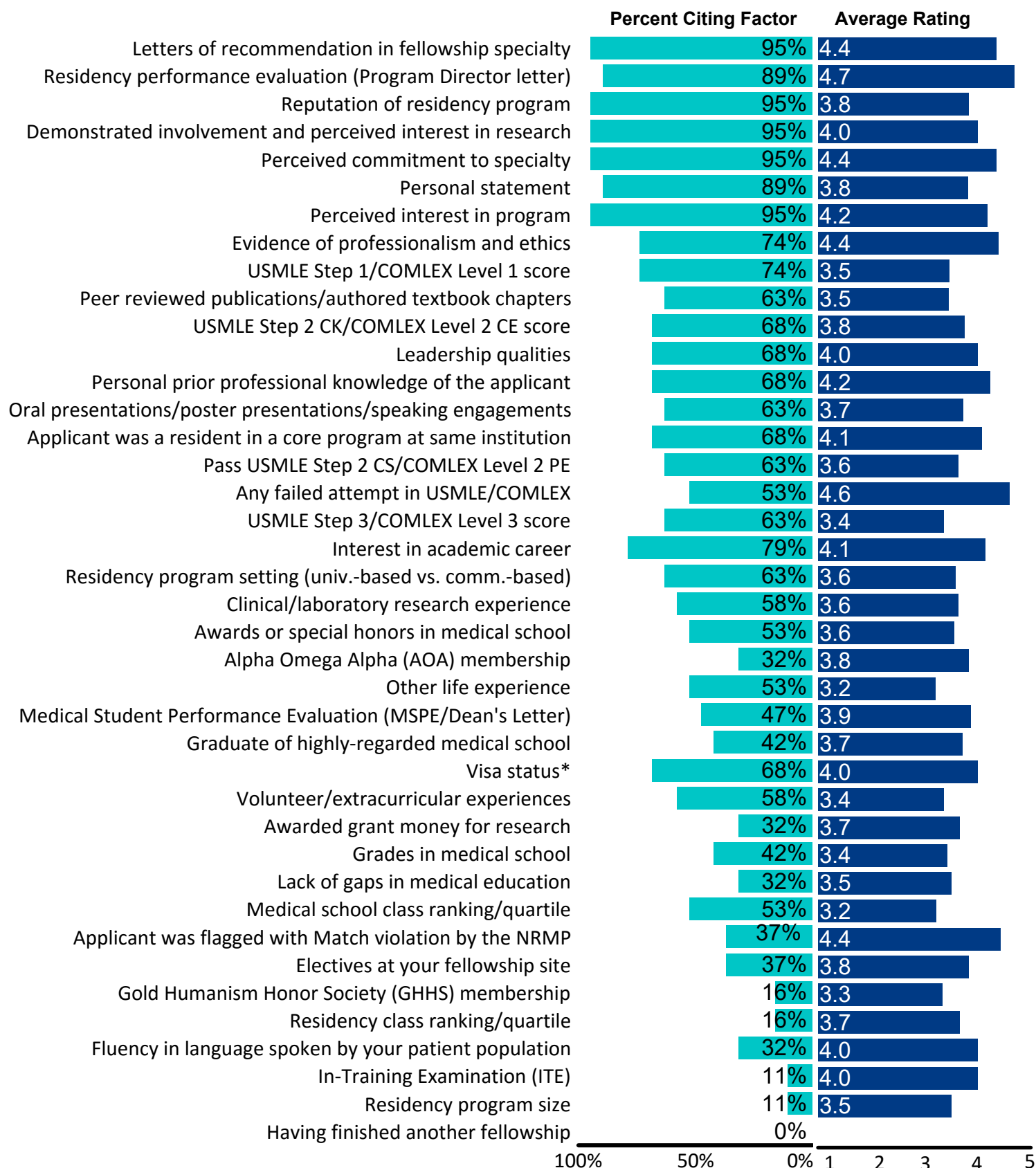
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	55	57	60
Number of positions in the Match	83	85	84
Number of applicants ranking specialty	56	75	71

* Source: NRMP Data Warehouse

Figure-1

Pediatric Endocrinology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=19)



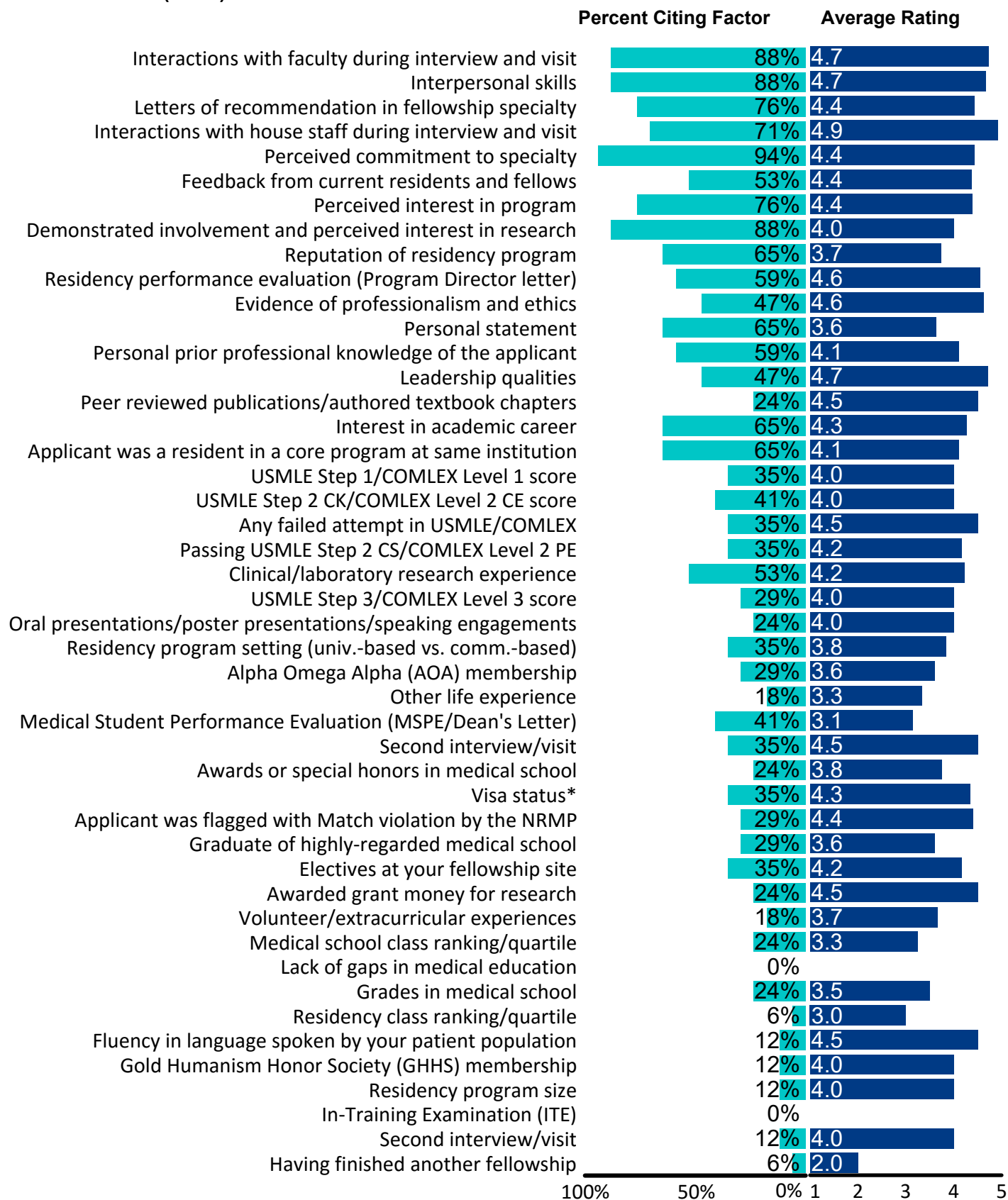
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

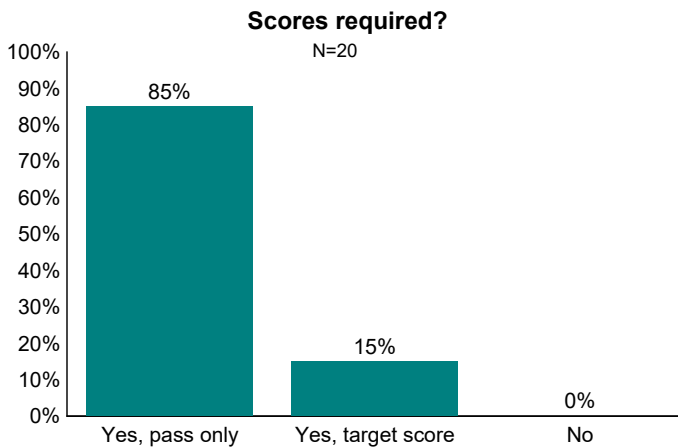
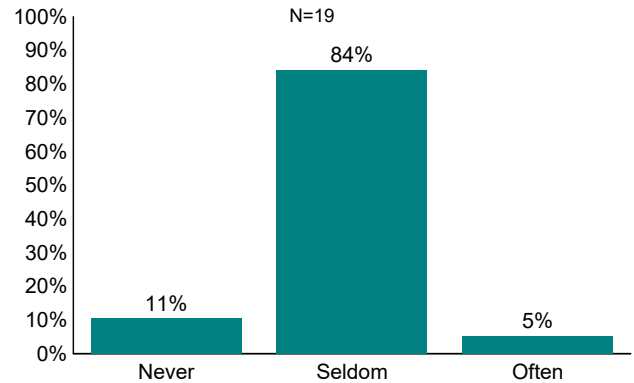
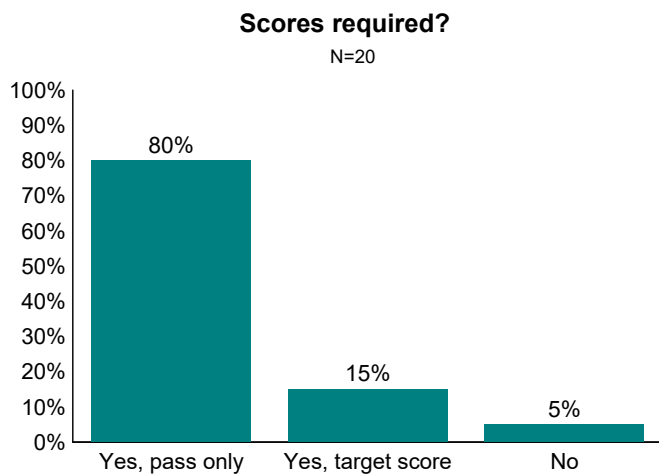
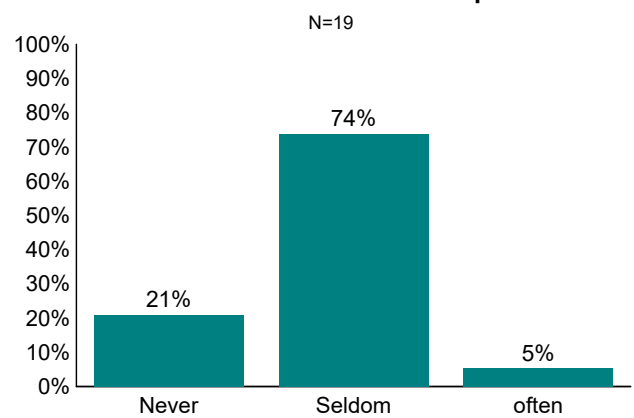
Pediatric Endocrinology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=19)



¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-3**Pediatric Endocrinology****Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When Considering Which Applicants to Interview****Percentage of Programs That Use USMLE Step 1 Score****Would your program consider applicants who fail the exam on the first attempt?**
N=19**Percentage of Programs That Use USMLE Step 2 (CK) Score****Would your program consider applicants who fail the exam on the first attempt?**
N=19**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs Consider When Granting Interviews****Scores Below Which Programs Generally Do Not Grant Interviews**

USMLE Step 1 not reported because of low response rate

USMLE Step 2 CK not reported because of low response rate

Scores Above Which Programs Almost Always Grant Interviews

USMLE Step 1 not reported because of low response rate

USMLE Step 2 CK not reported because of low response rate

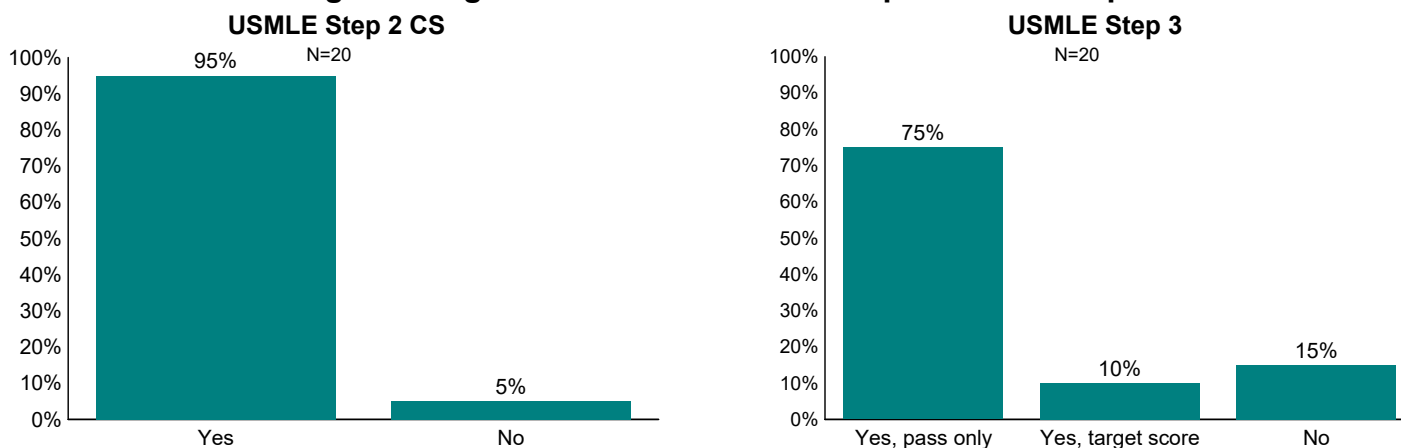
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

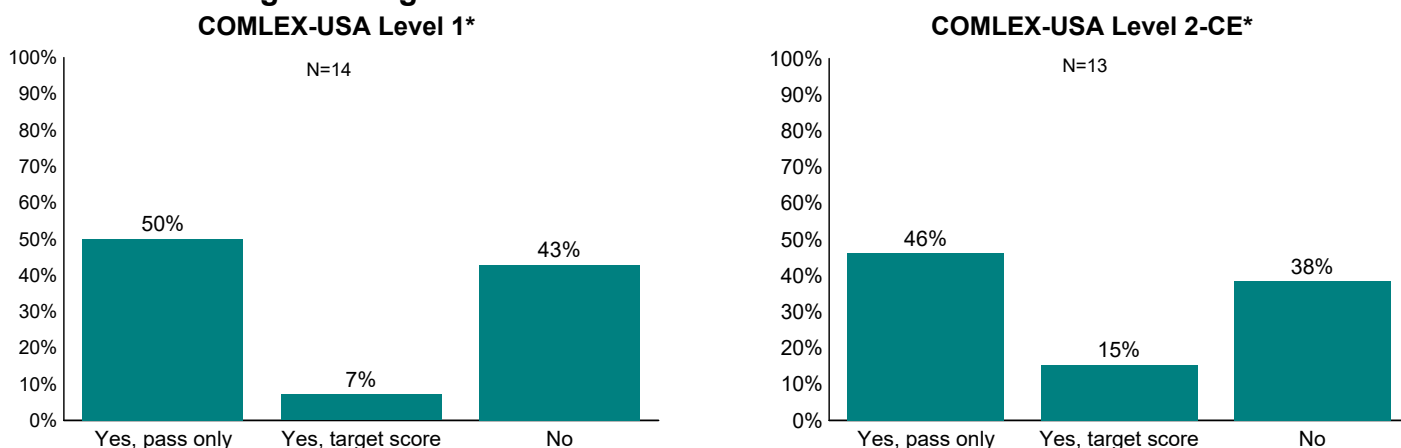
Pediatric Endocrinology

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

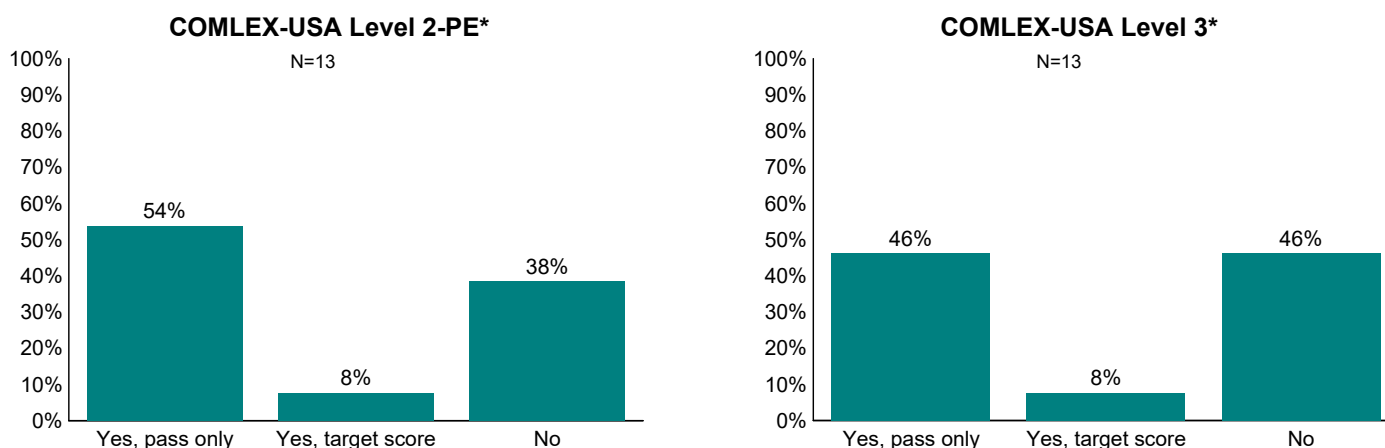
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

**Pediatric Endocrinology
Programs That Use Core Specialty Certifying Examination When Considering
Applicants for Interview**

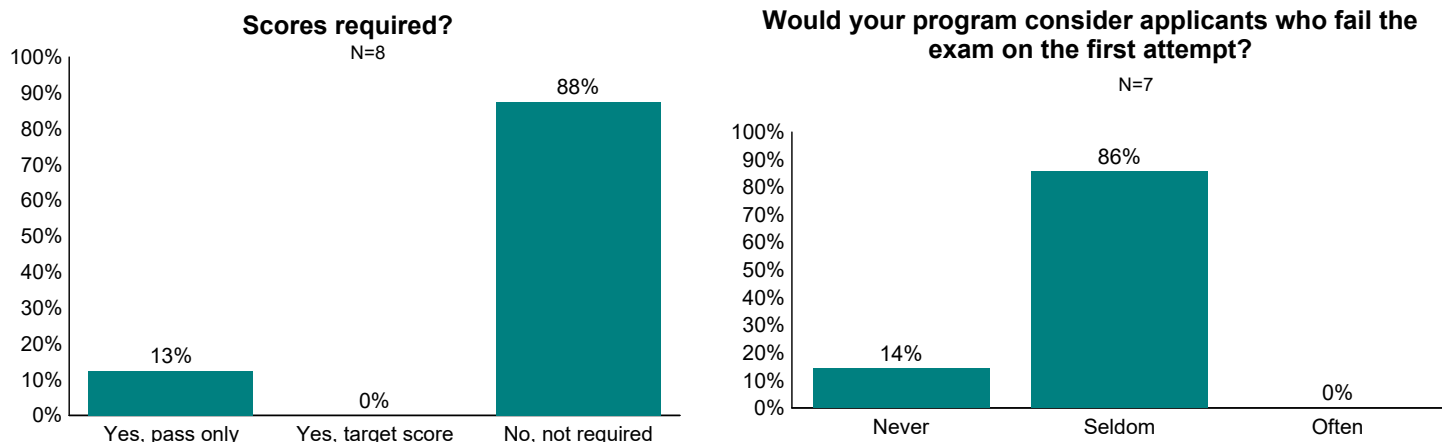


Figure-6

**Pediatric Endocrinology
Programs Positions**

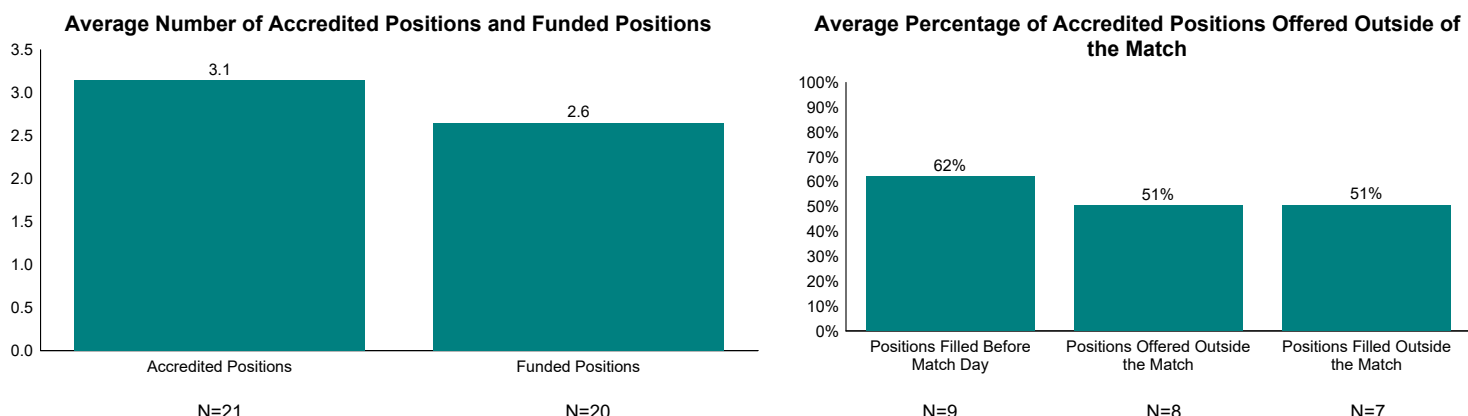
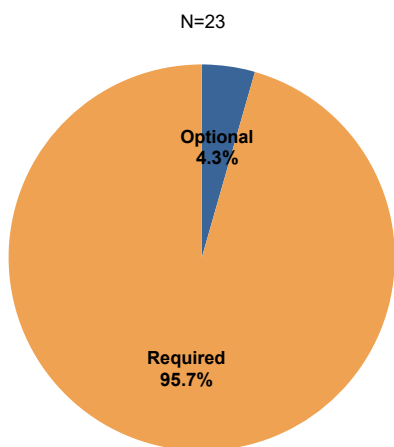


Figure-7

**Pediatric Endocrinology
Dedicated Time for Research**

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

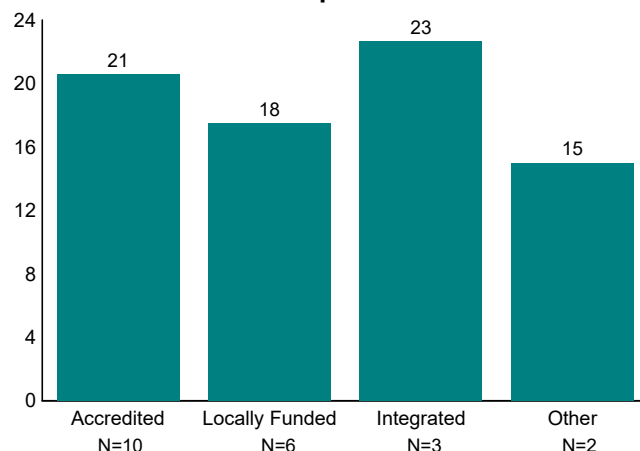
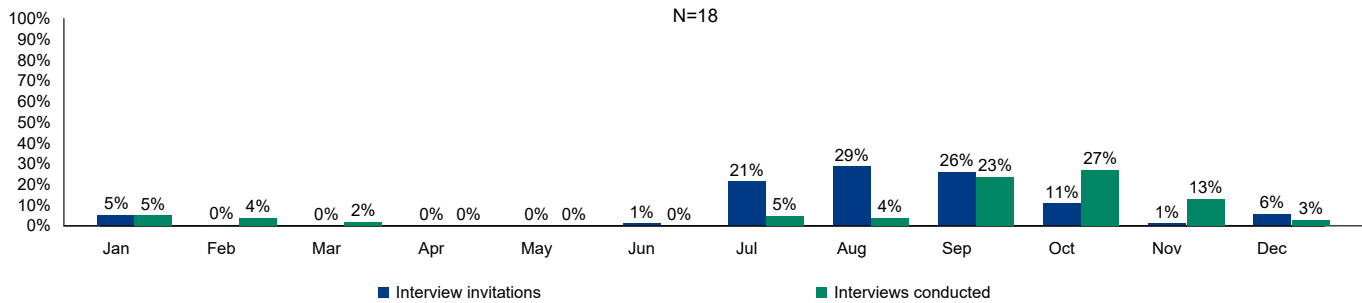


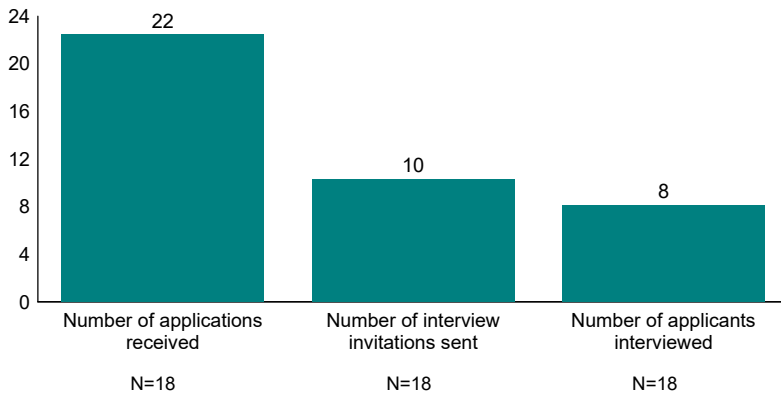
Figure-8

Pediatric Endocrinology Program's Interview Activities

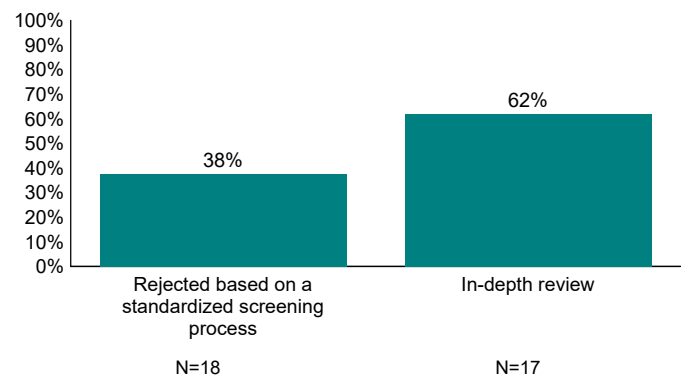
Interview Invitations Sent and Interviews Conducted



Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked

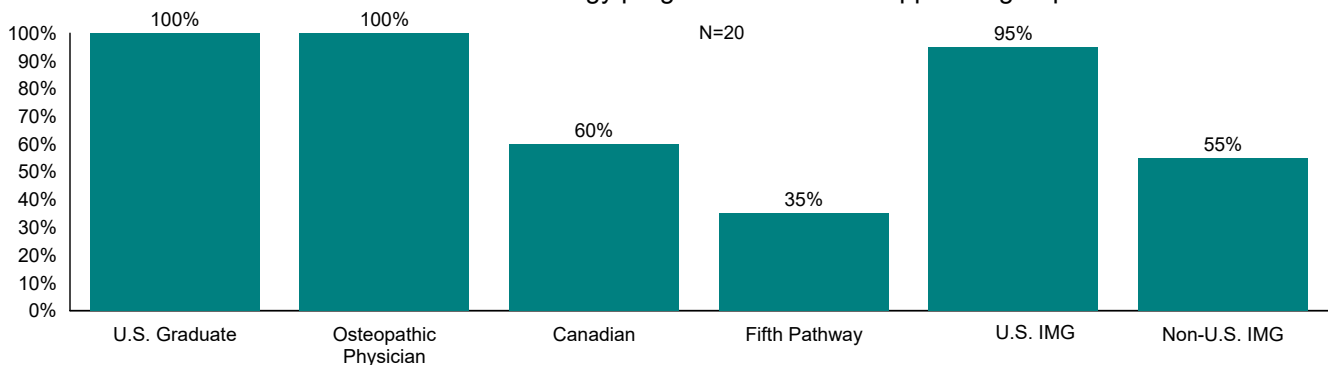


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

35% of Pediatric Endocrinology programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

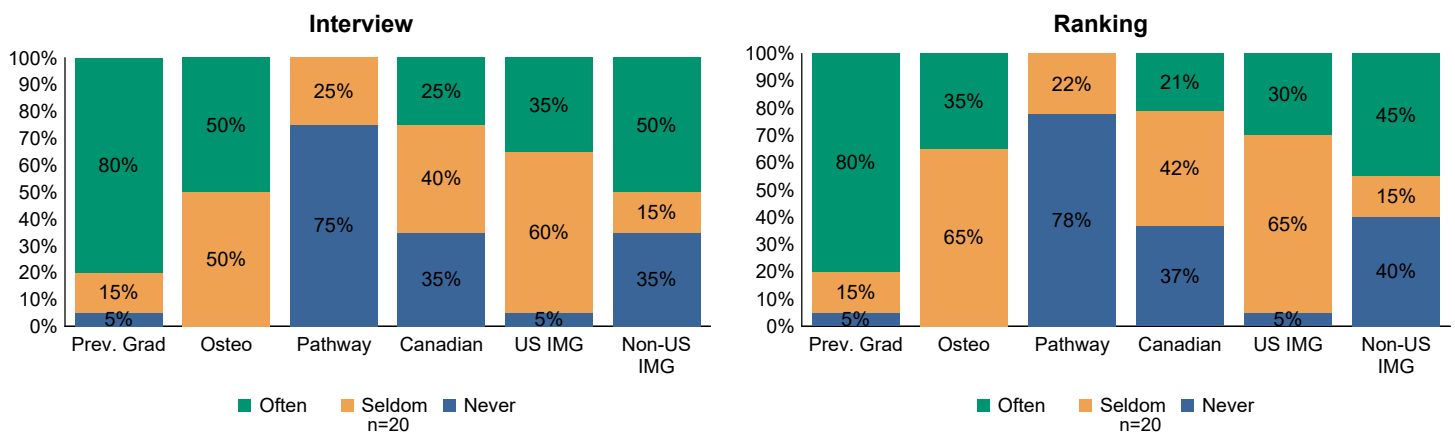


Figure-9

**Pediatric Endocrinology
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=16

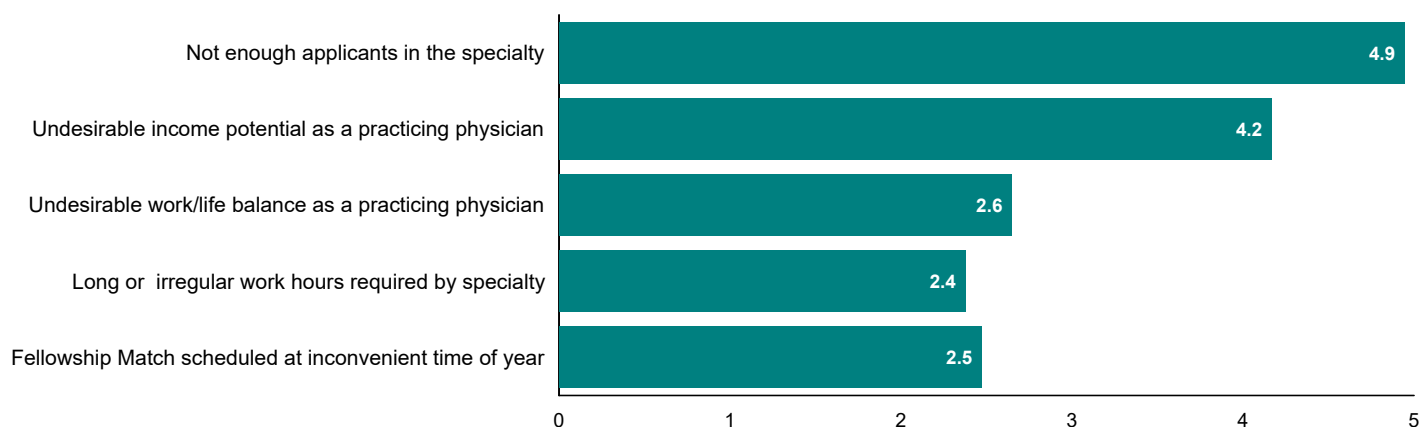


Figure-10

**Pediatric Endocrinology
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=18

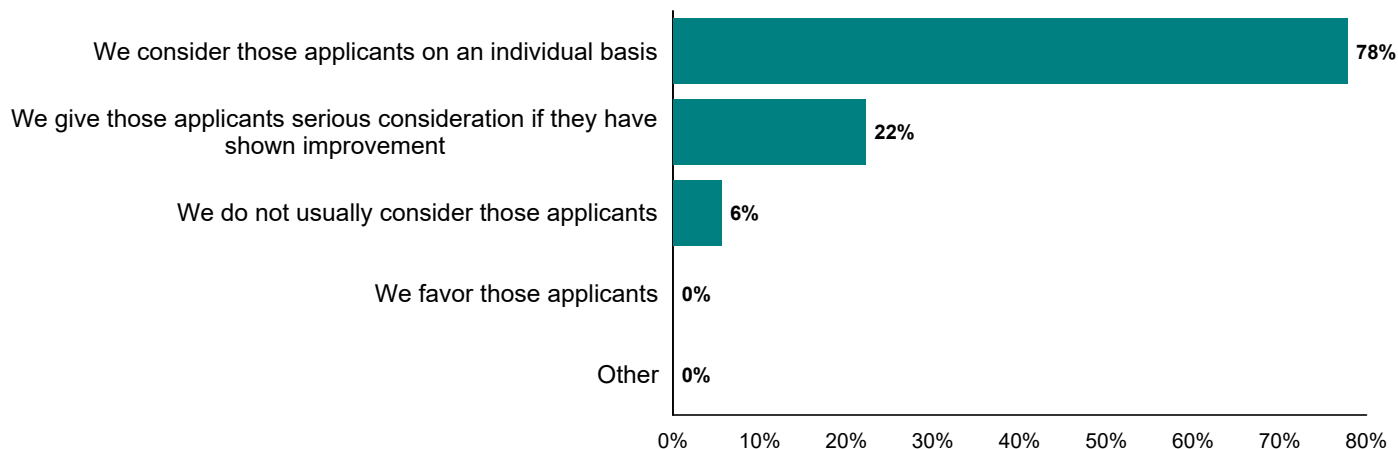
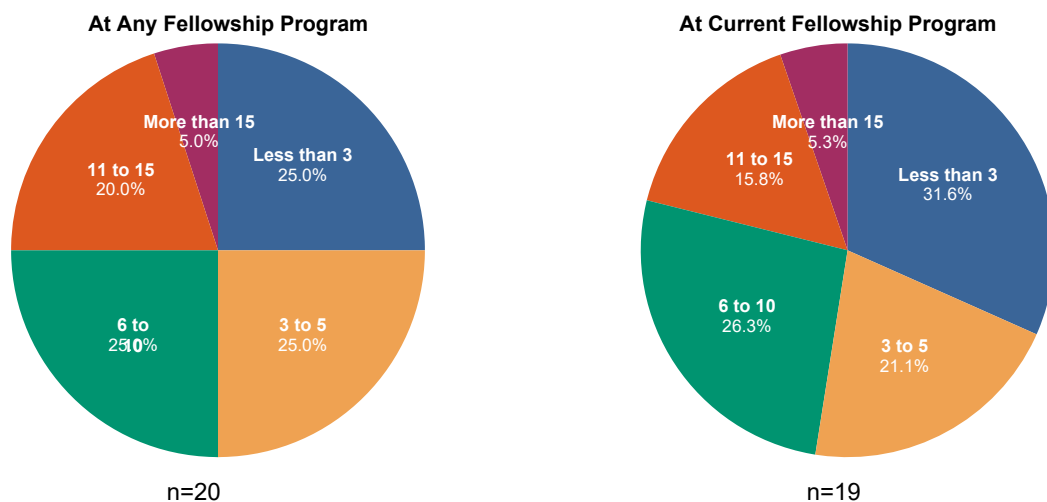


Figure-11

**Pediatric Endocrinology
Years as Program Director**





Pediatric Gastroenterology

2016 Survey

Number of responses	23
Response rate	42.6%

Match Information*

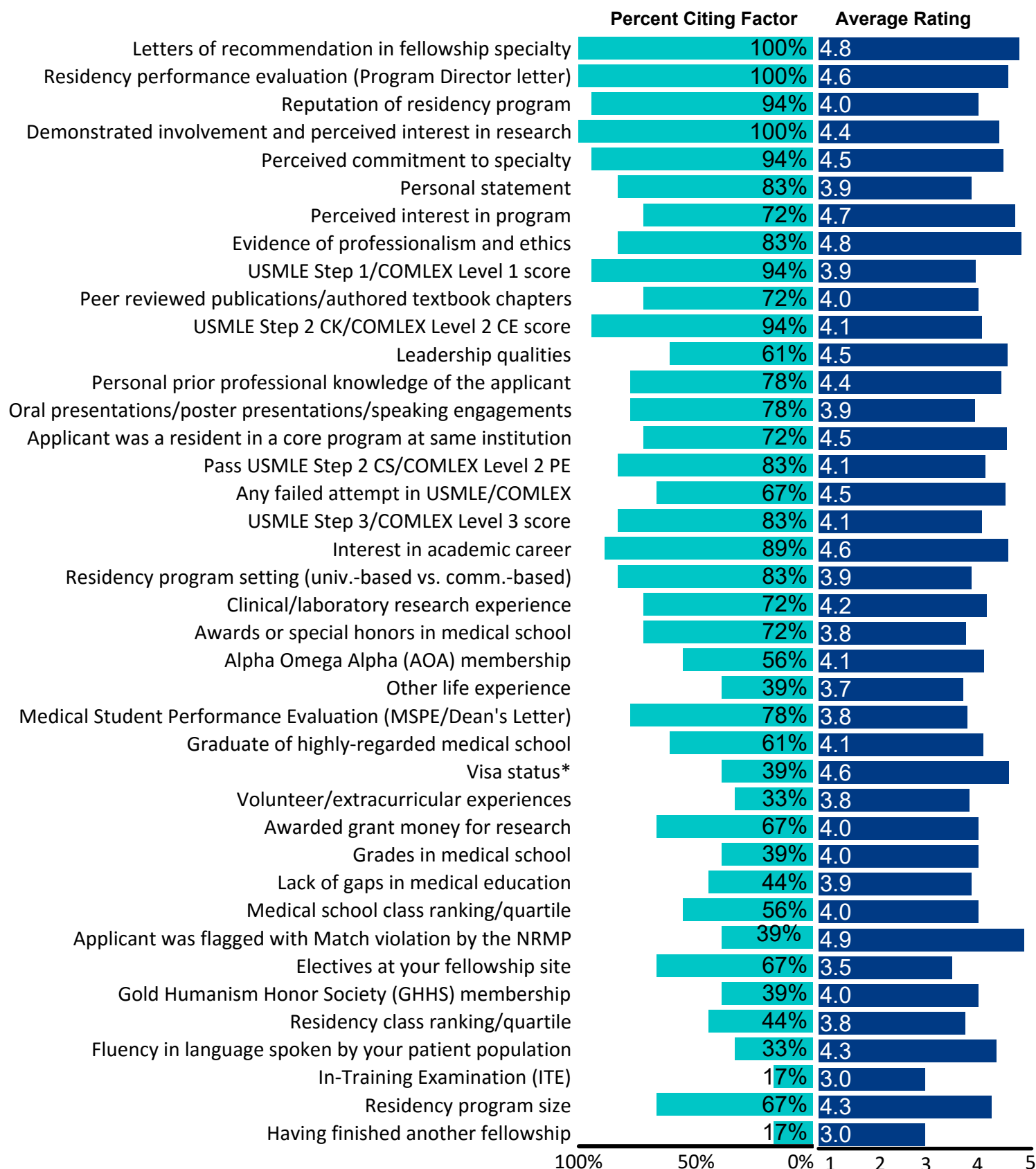
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	55	51	52
Number of positions in the Match	93	85	84
Number of applicants ranking specialty	107	117	97

* Source: NRMP Data Warehouse

Figure-1

Pediatric Gastroenterology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=18)



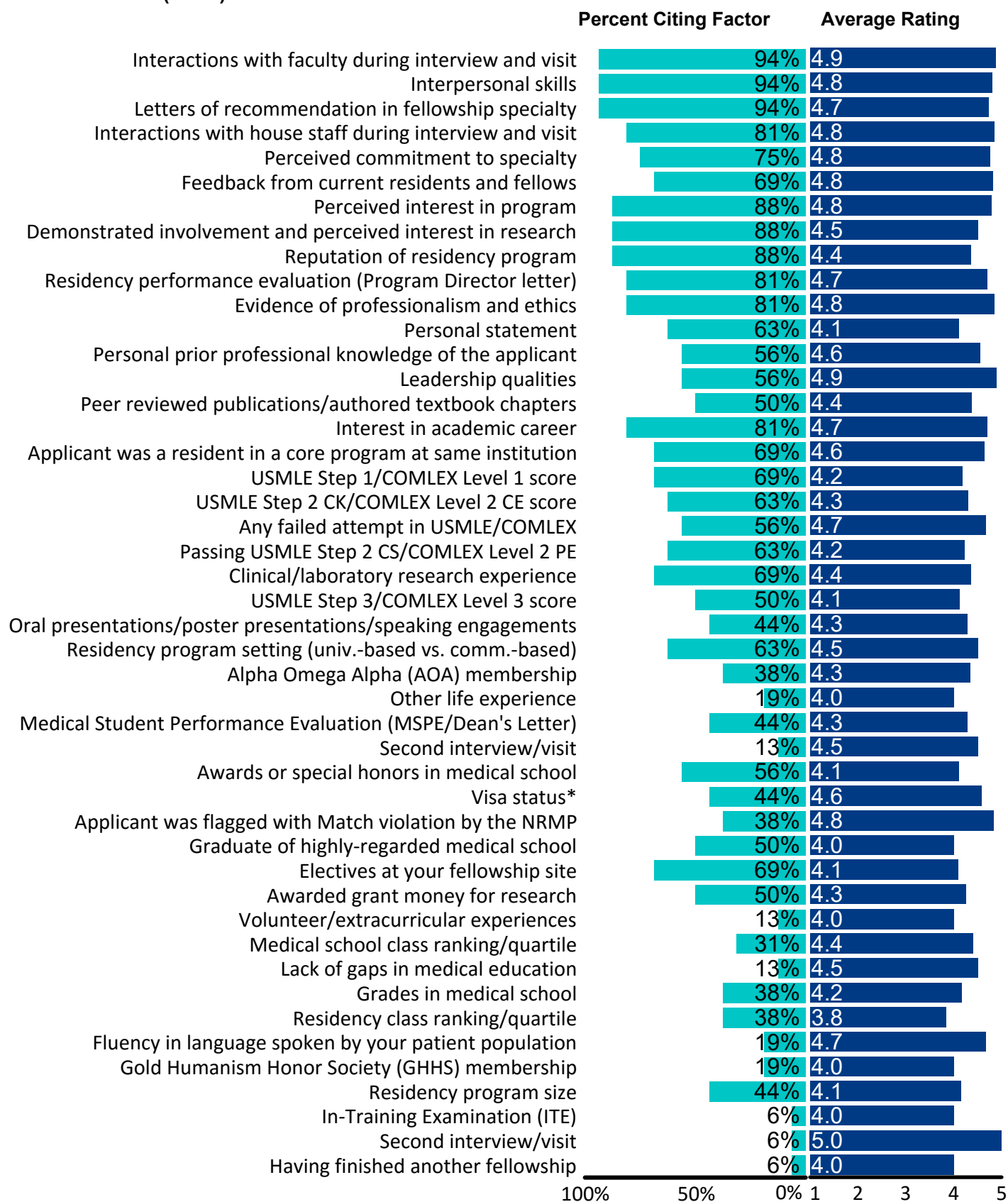
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Pediatric Gastroenterology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=18)



¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

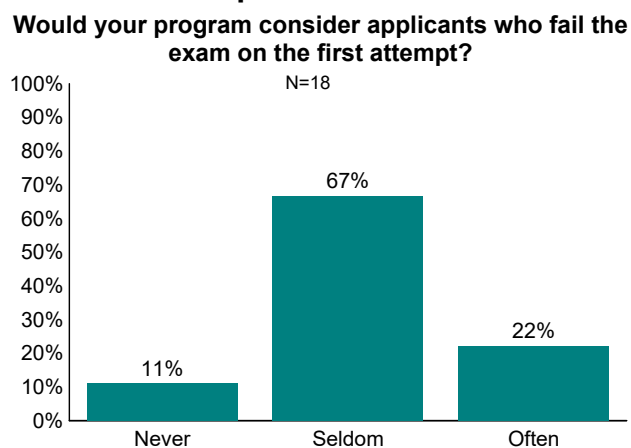
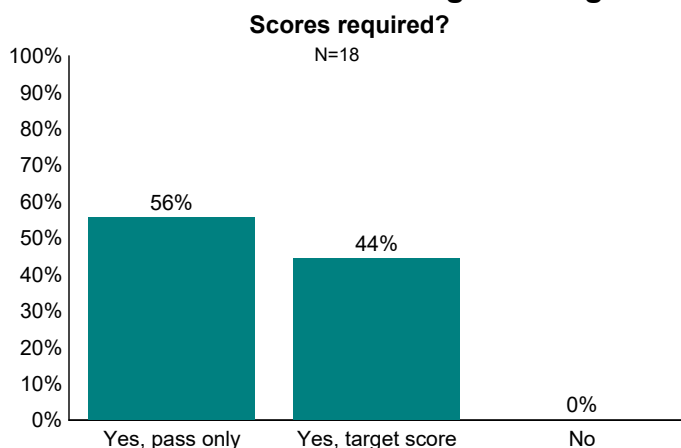
* International Medical Graduates only

Figure-3

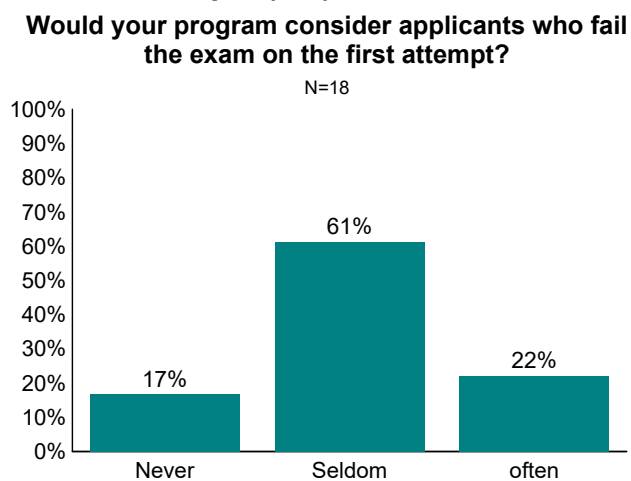
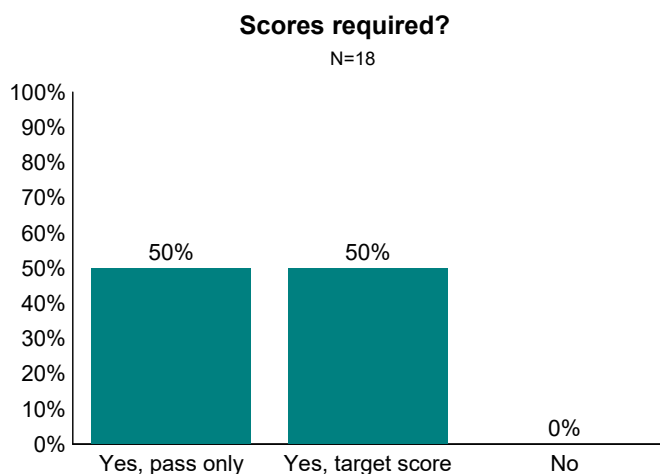
Pediatric Gastroenterology

Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When Considering Which Applicants to Interview

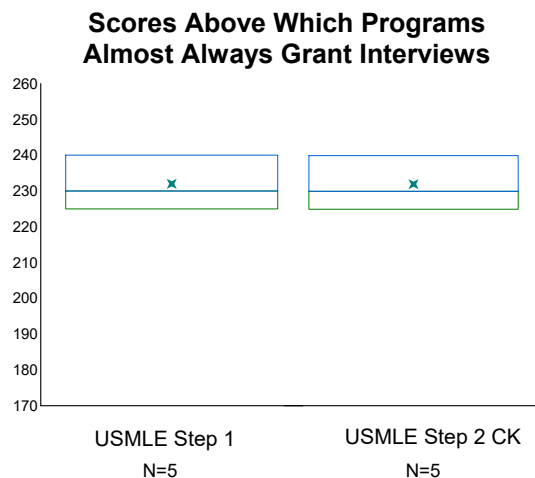
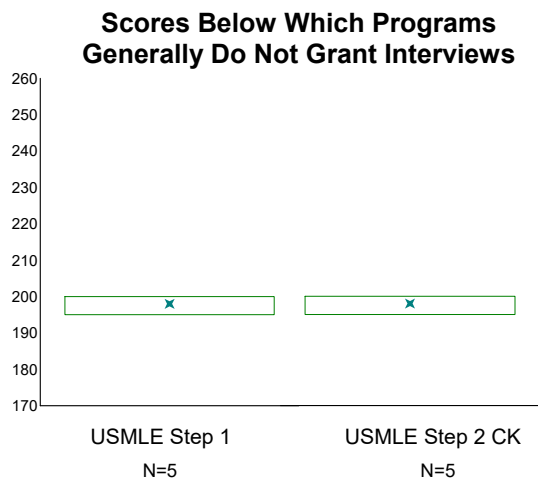
Percentage of Programs That Use USMLE Step 1 Score



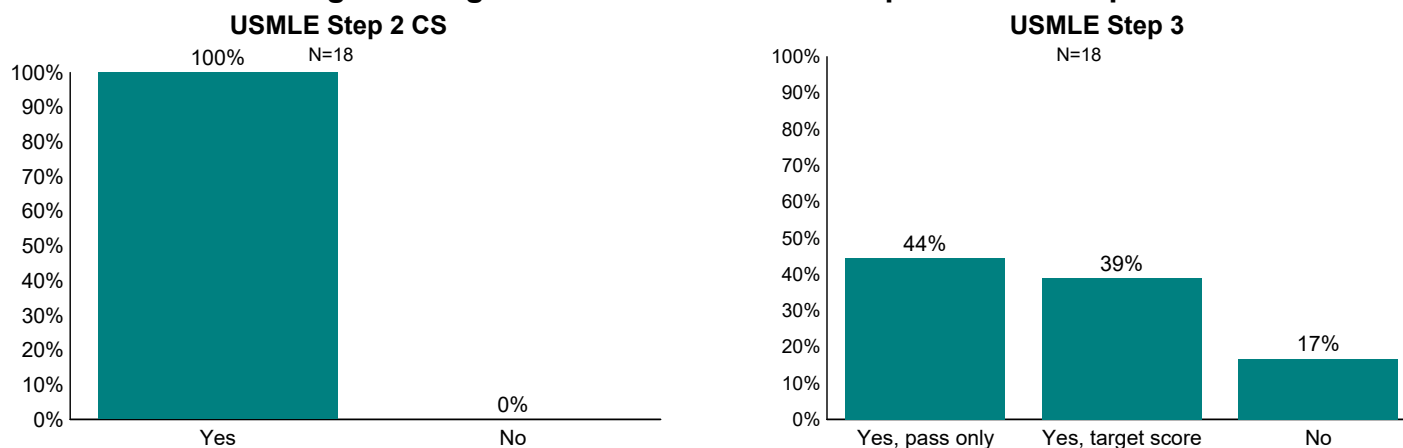
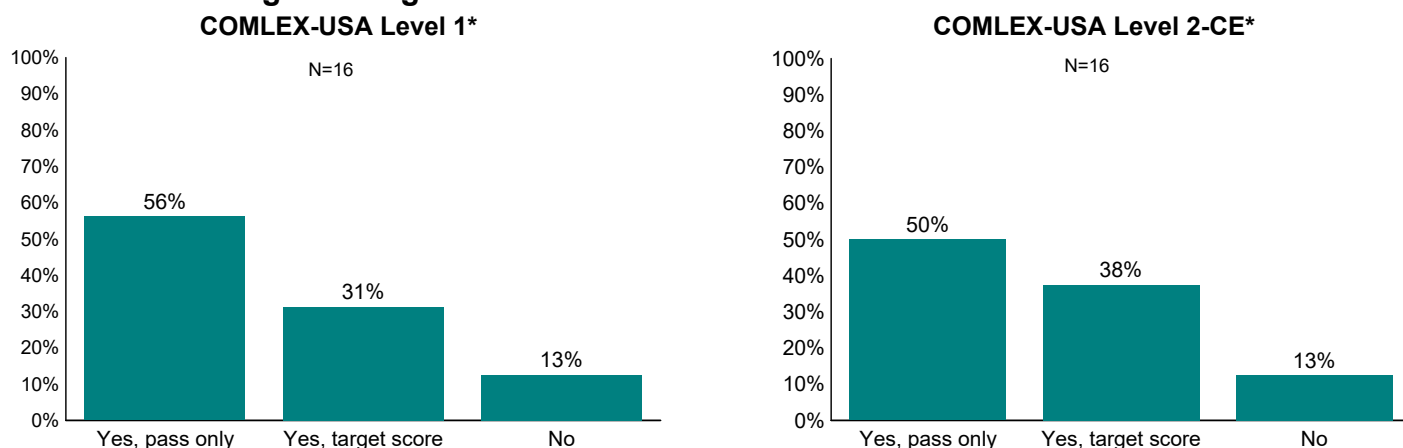
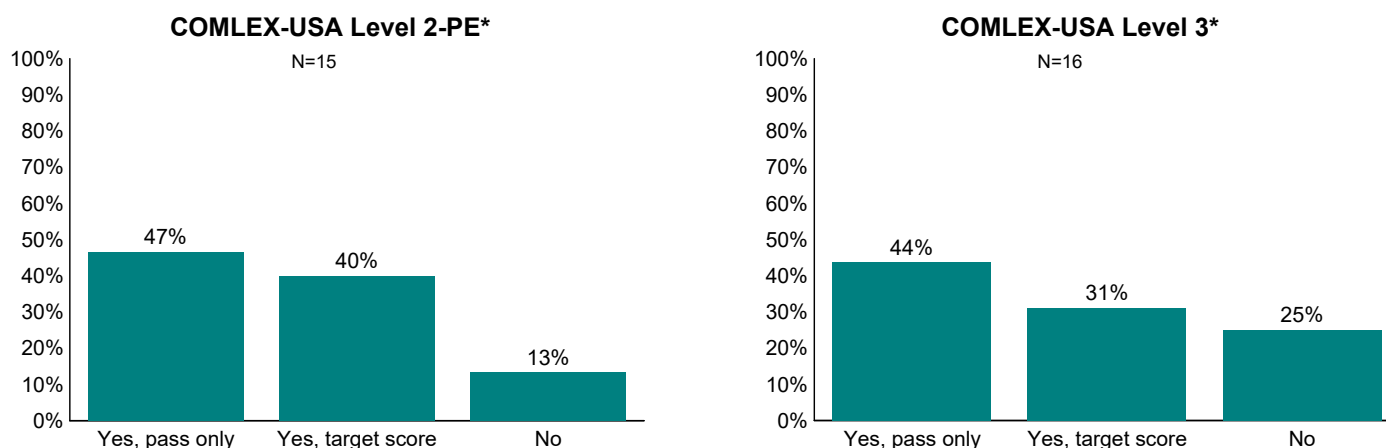
Percentage of Programs That Use USMLE Step 2 (CK) Score



IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs Consider When Granting Interviews



*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4**Pediatric Gastroenterology****Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview****Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores****Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores****Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores**

* Osteopathic applicants only

Figure-5

Pediatric Gastroenterology Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

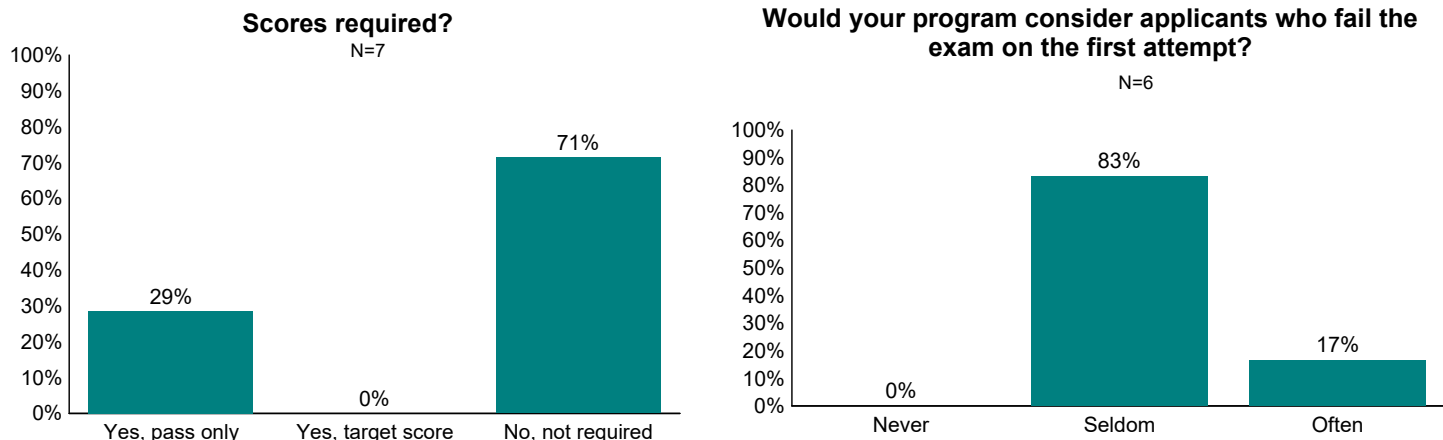


Figure-6

Pediatric Gastroenterology Programs Positions

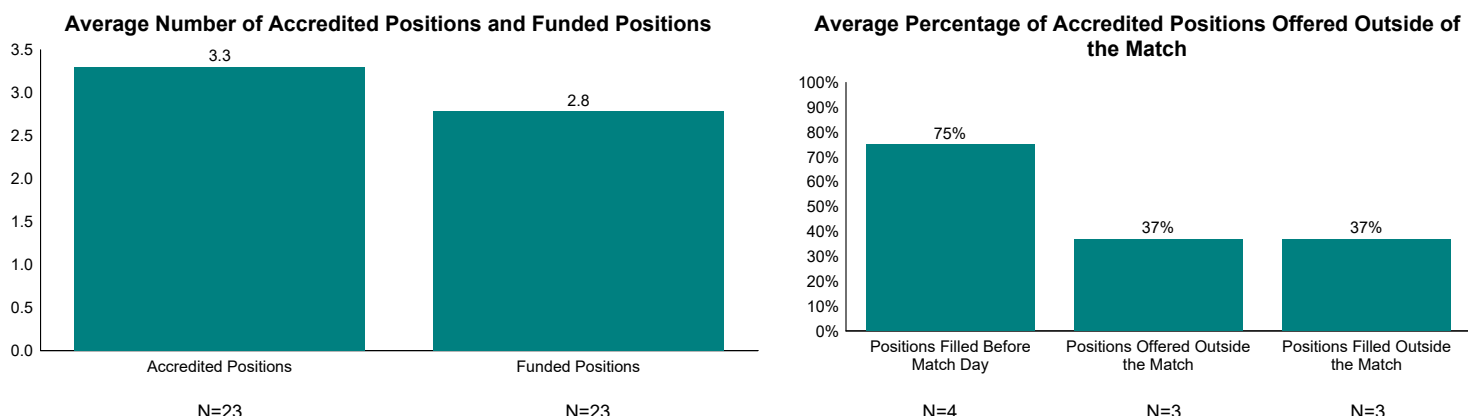
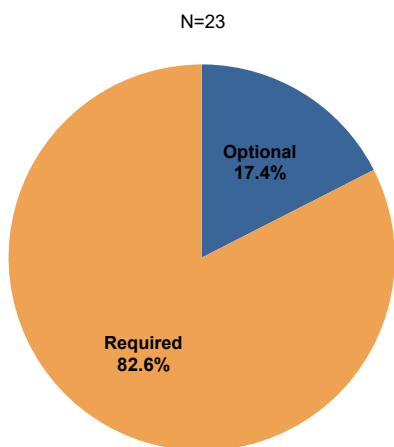


Figure-7

Pediatric Gastroenterology Dedicated Time for Research

Program Requirement on Dedicated Time for Research (N=23)



Average Number of Months if Research Time is Required

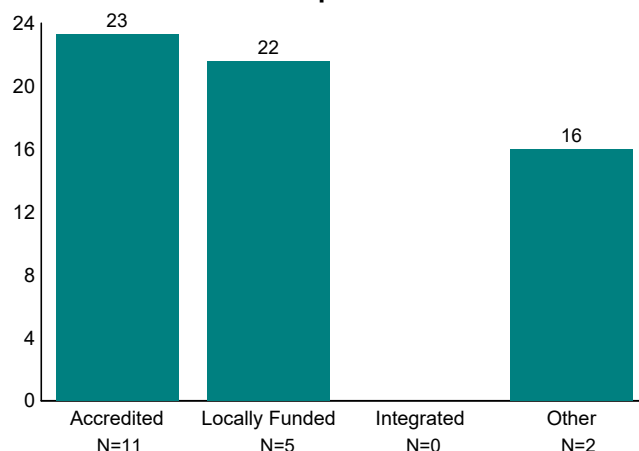
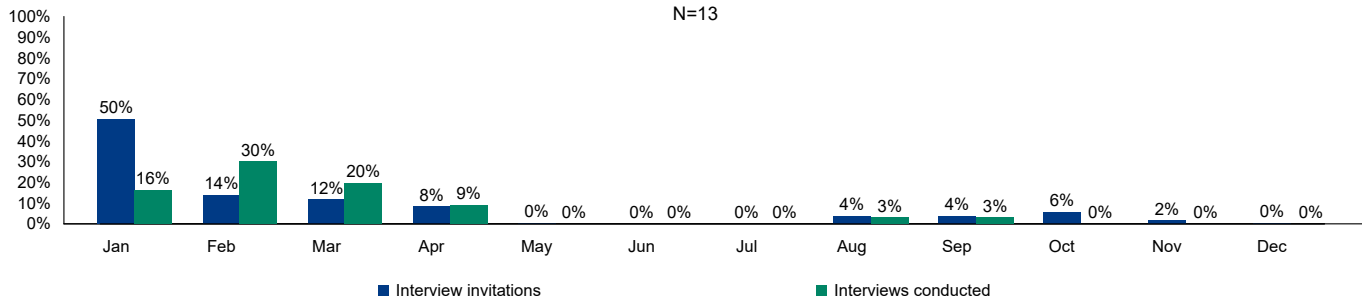


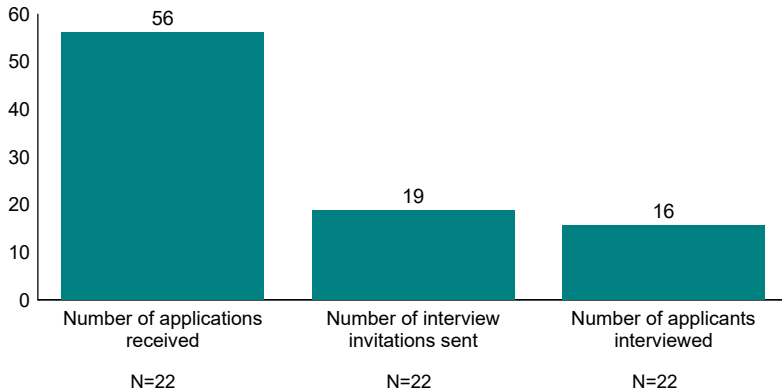
Figure-8

Pediatric Gastroenterology Program's Interview Activities

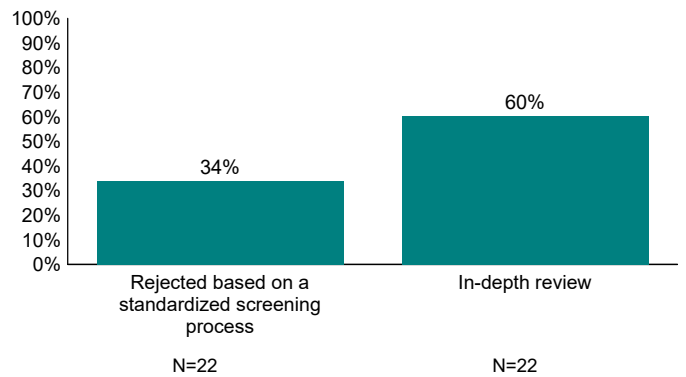
Interview Invitations Sent and Interviews Conducted



Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked

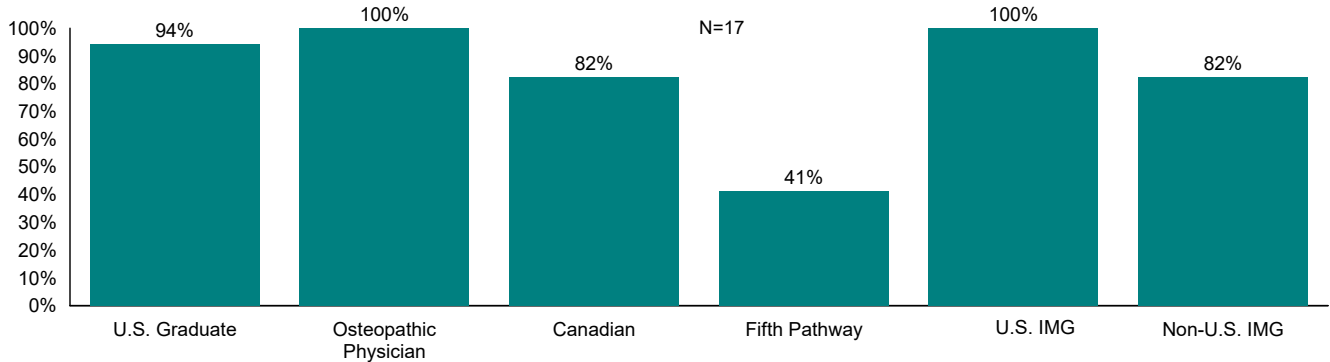


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

41% of Pediatric Gastroenterology programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

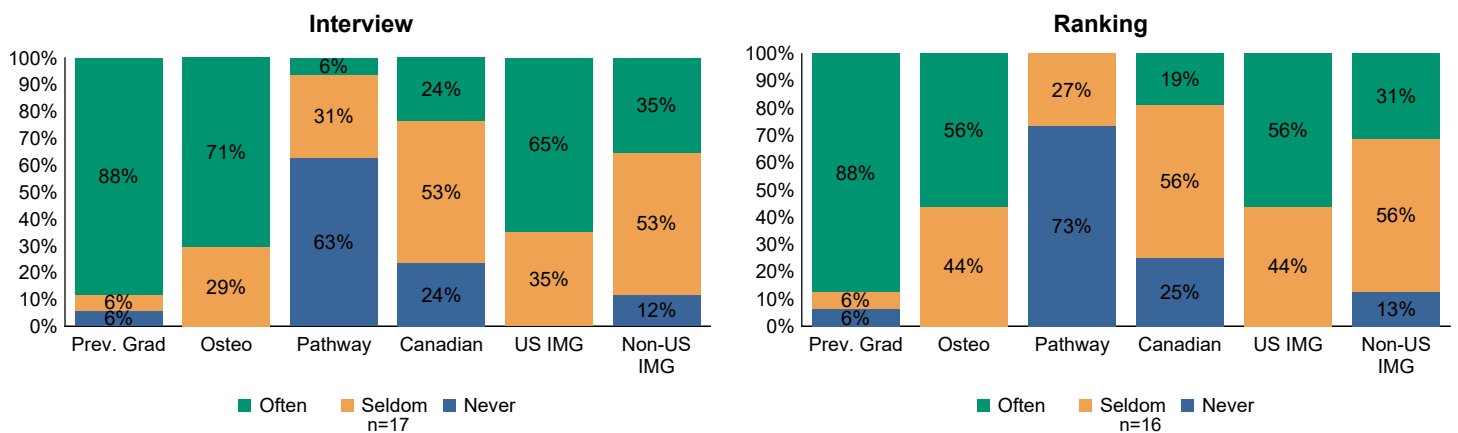


Figure-9

**Pediatric Gastroenterology
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=17

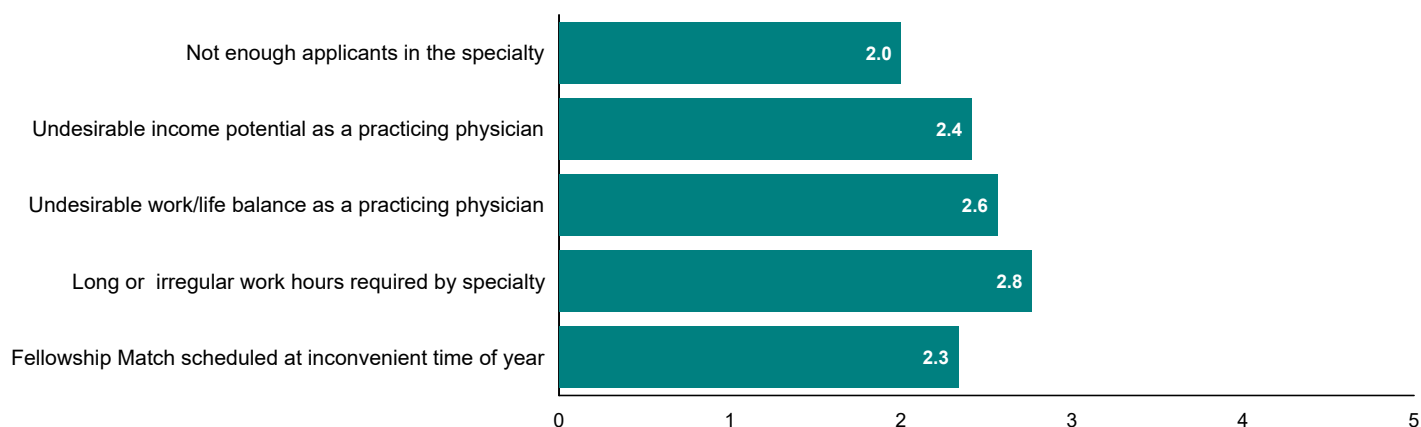


Figure-10

**Pediatric Gastroenterology
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=17

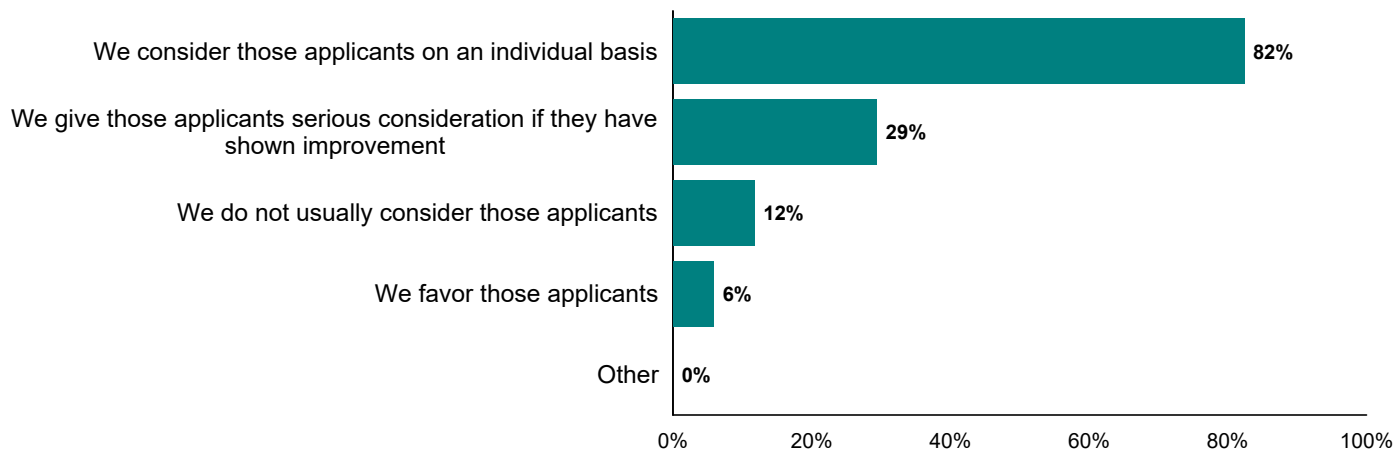
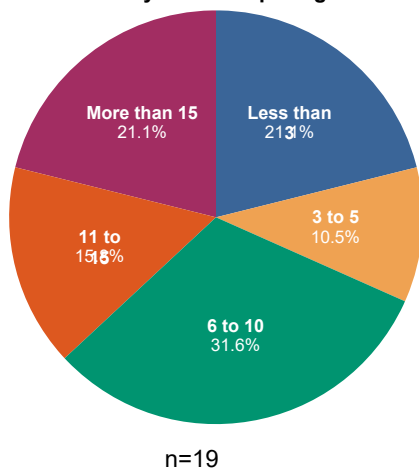


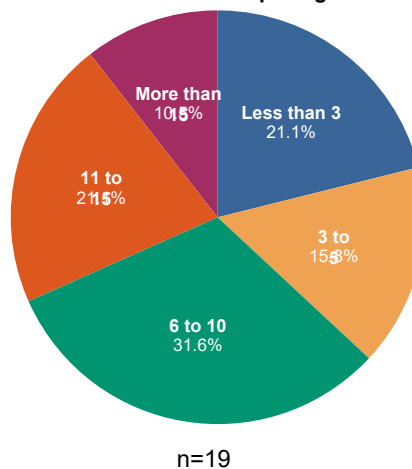
Figure-11

**Pediatric Gastroenterology
Years as Program Director**

At Any Fellowship Program



At Current Fellowship Program





Pediatric Hematology/Oncology

2016 Survey

Number of responses	42
Response rate	62.7%

Match Information*

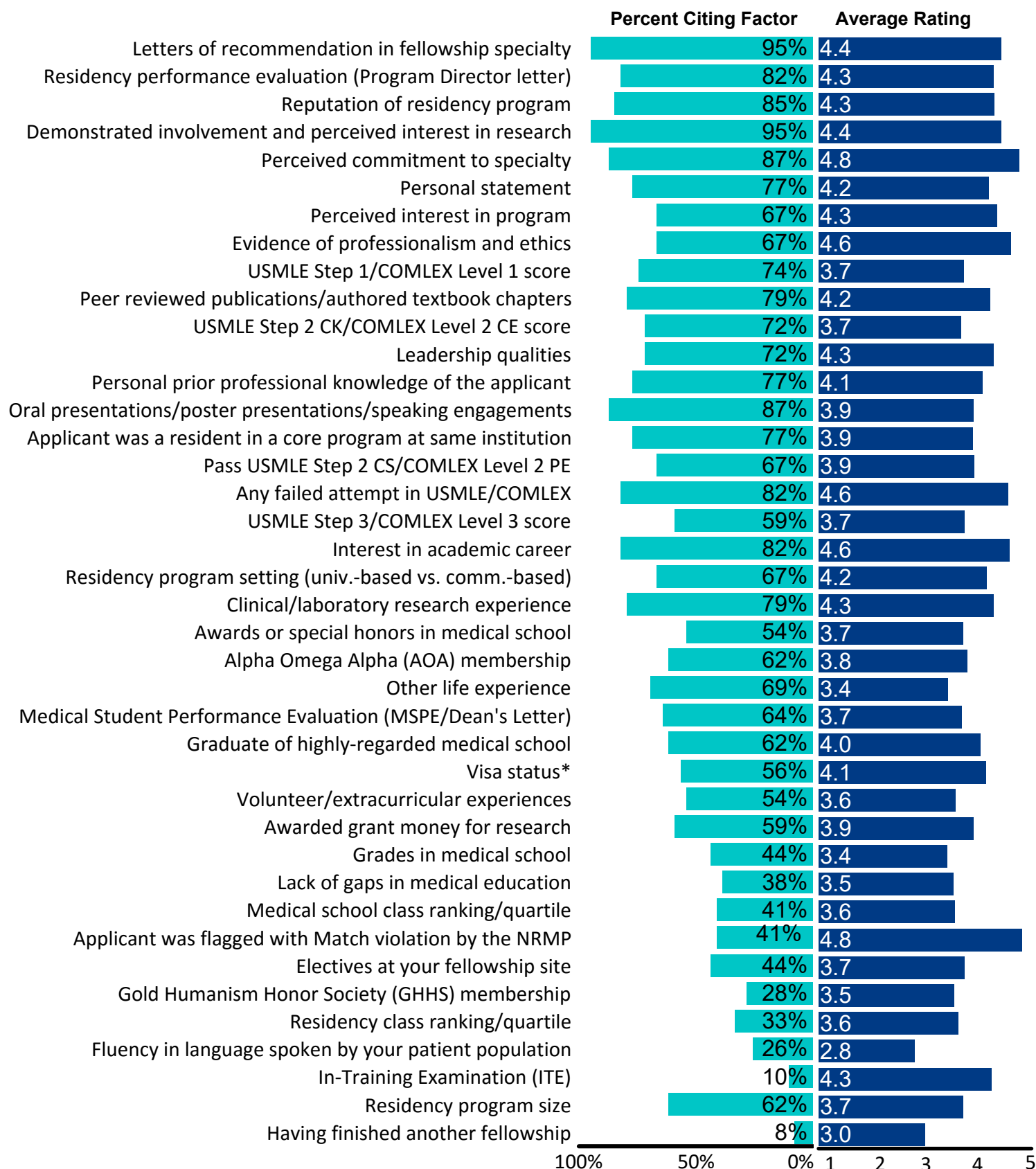
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	67	65	62
Number of positions in the Match	164	162	157
Number of applicants ranking specialty	201	181	178

* Source: NRMP Data Warehouse

Figure-1

Pediatric Hematology/Oncology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=39)



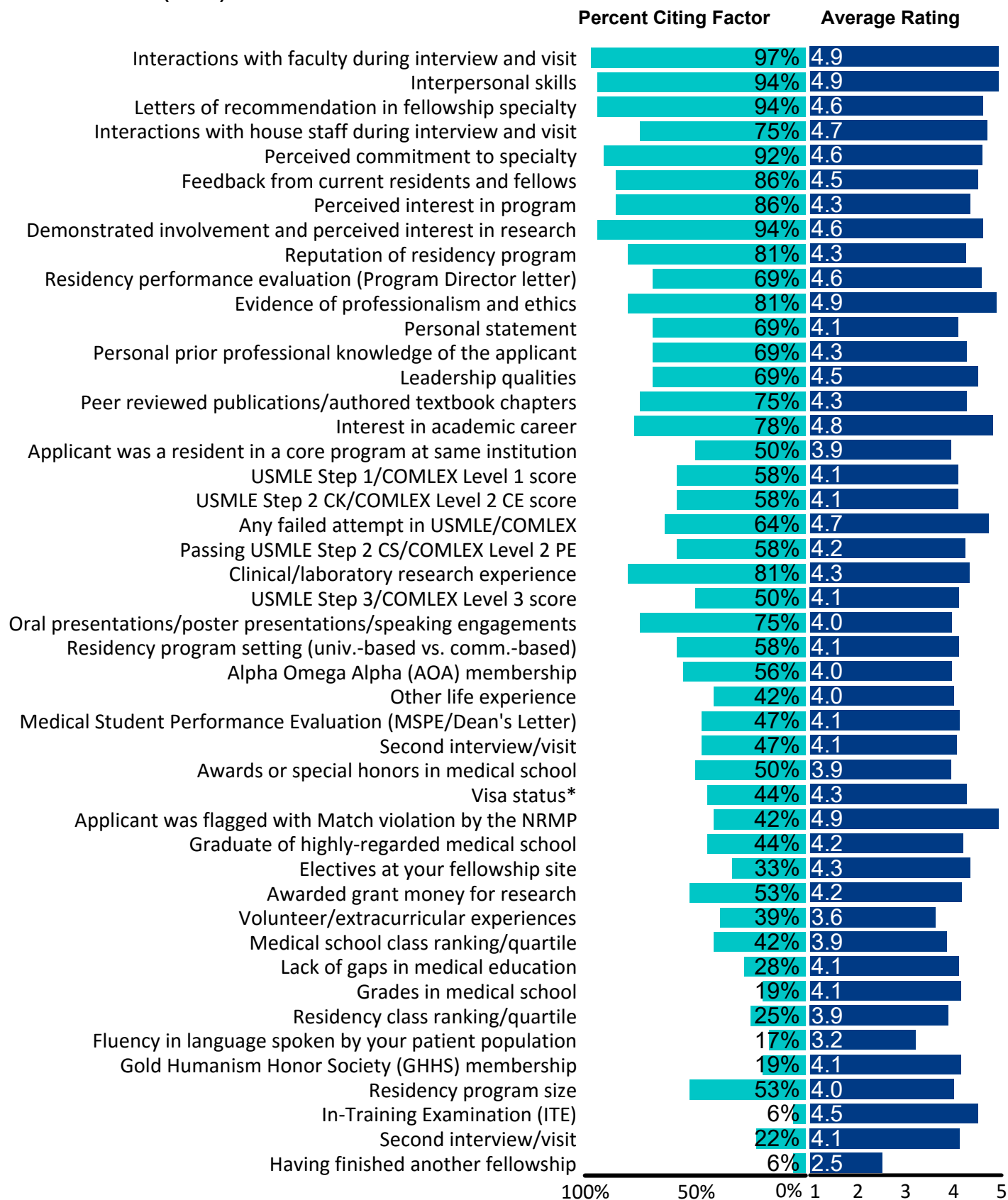
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Pediatric Hematology/Oncology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=39)



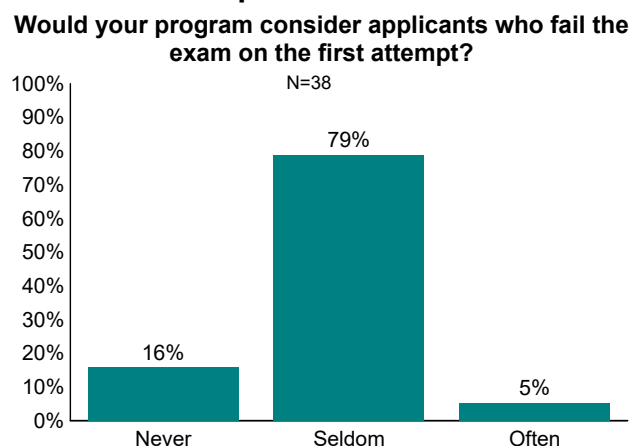
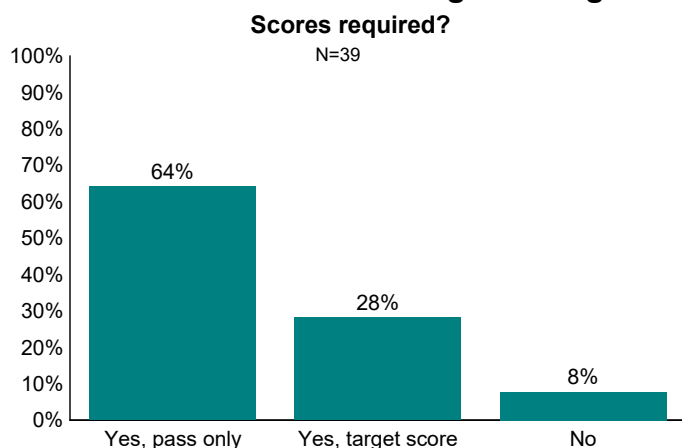
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

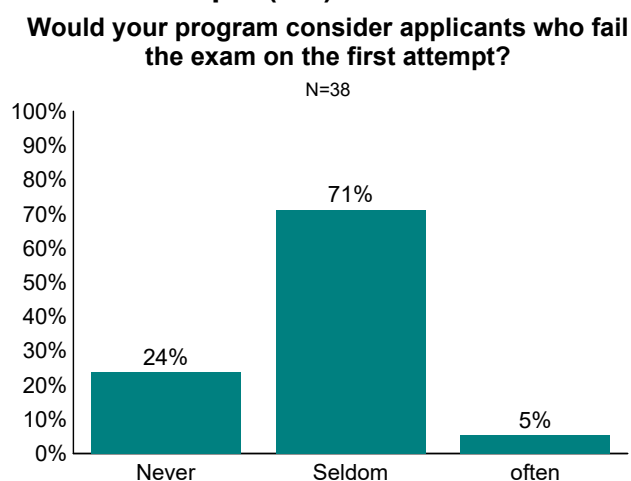
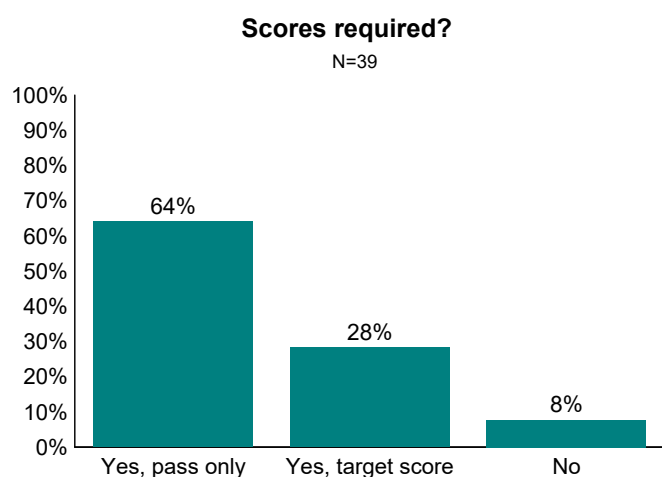
Figure-3

**Pediatric Hematology/Oncology
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

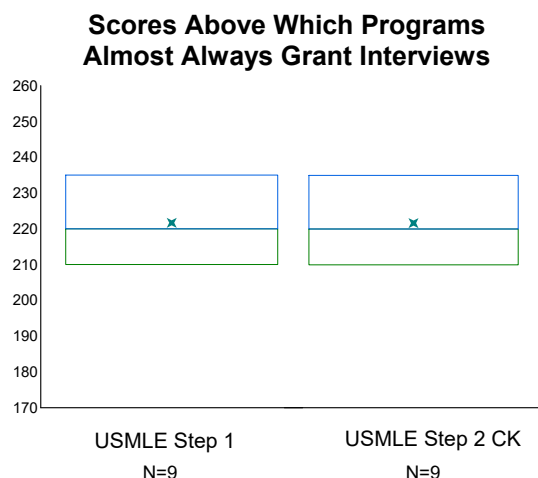
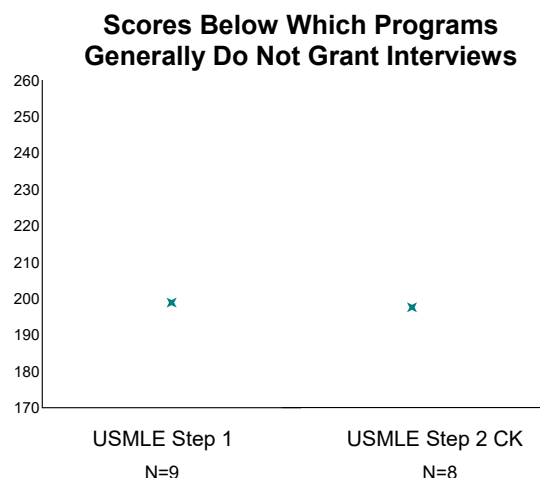
Percentage of Programs That Use USMLE Step 1 Score



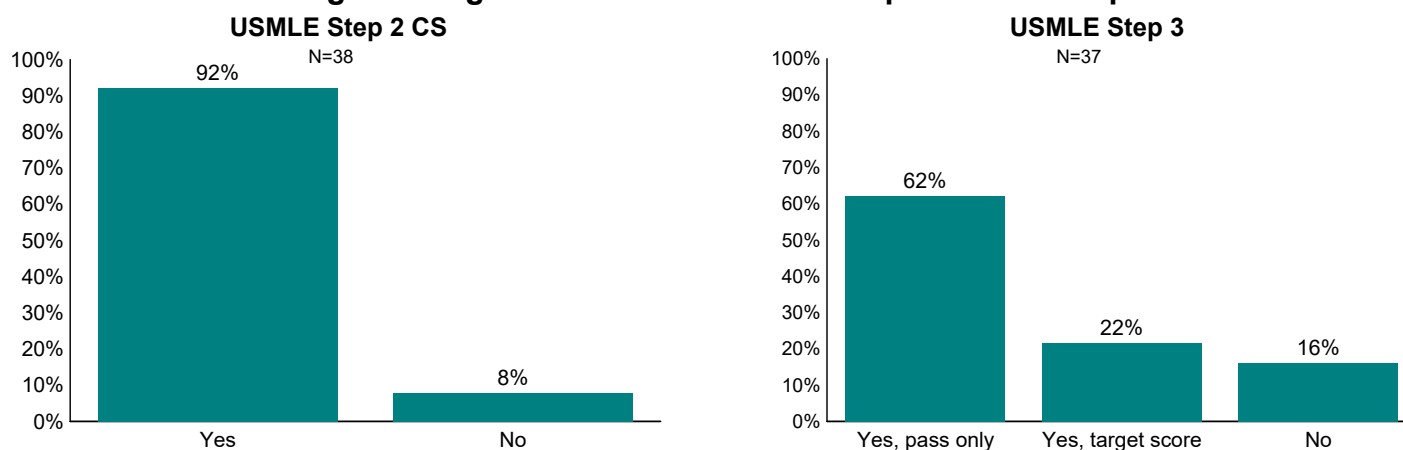
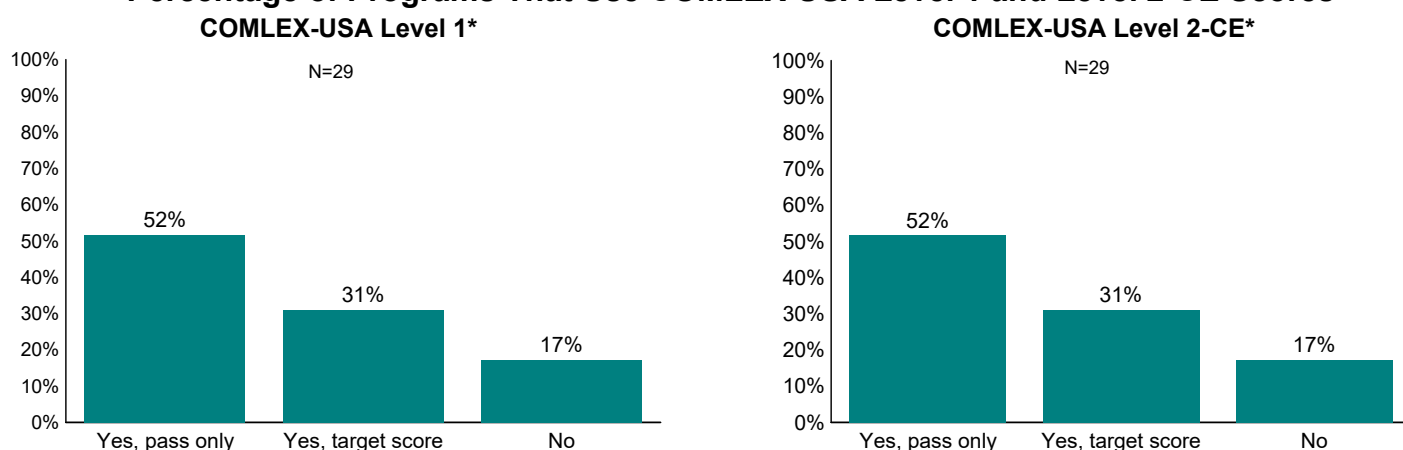
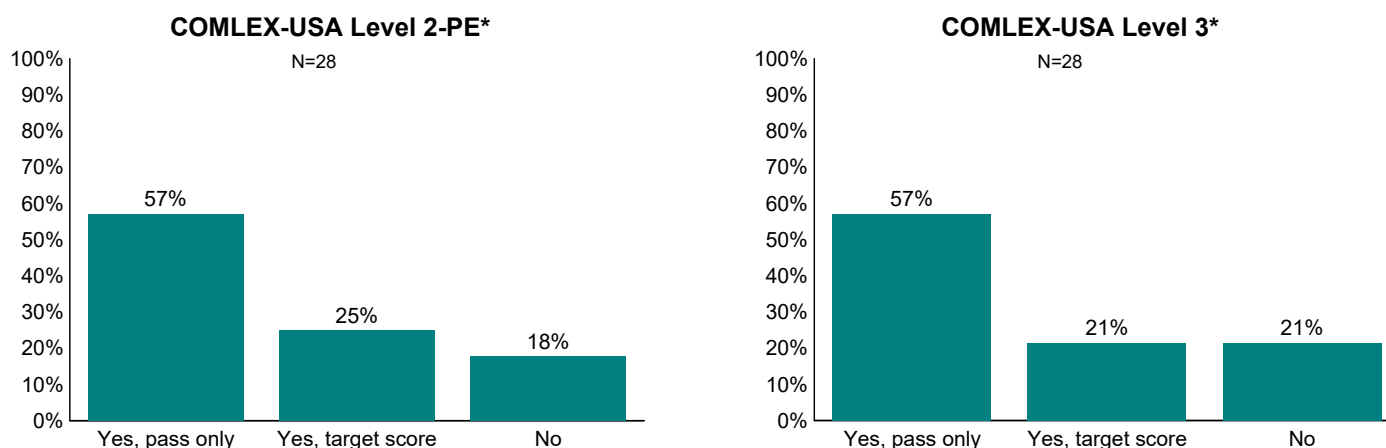
Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**



*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4**Pediatric Hematology/Oncology****Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview****Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores****Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores****Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores**

* Osteopathic applicants only

Figure-5

Pediatric Hematology/Oncology Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

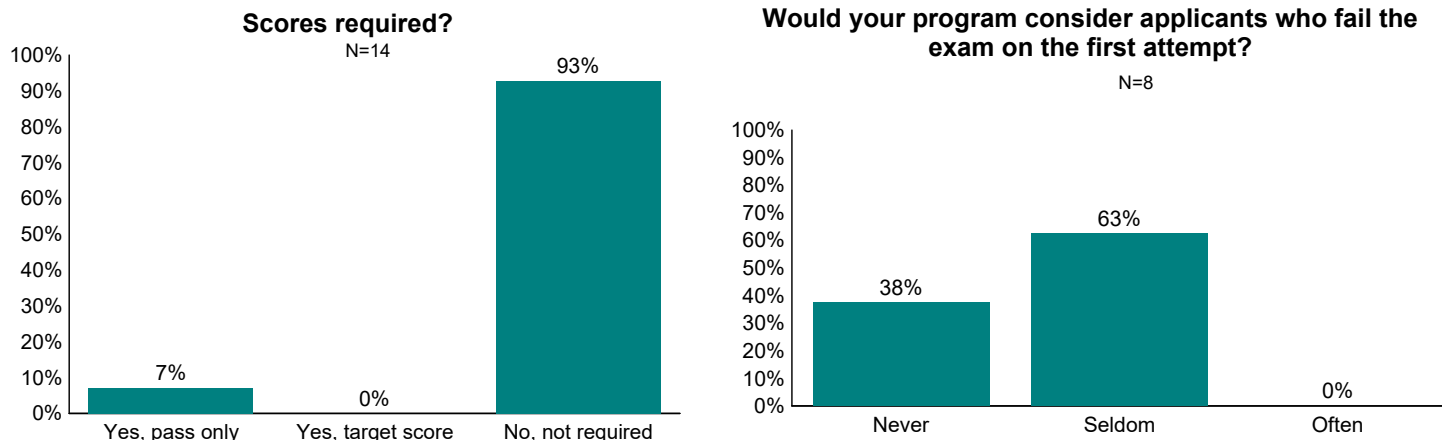


Figure-6

Pediatric Hematology/Oncology Programs Positions

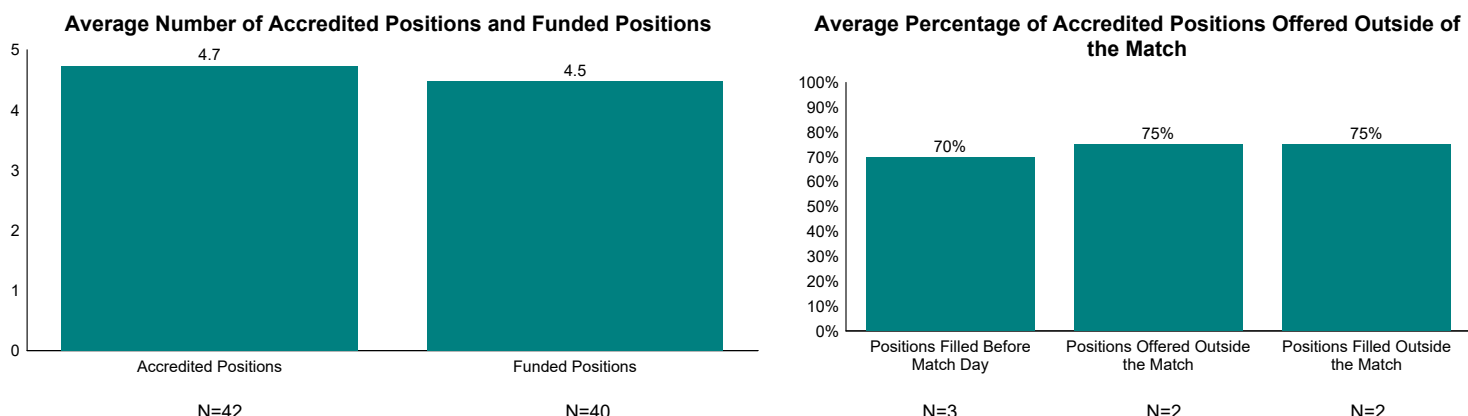
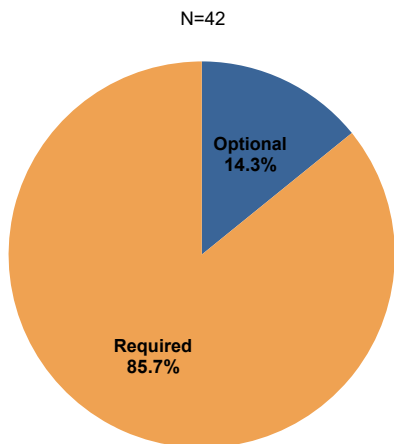


Figure-7

Pediatric Hematology/Oncology Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

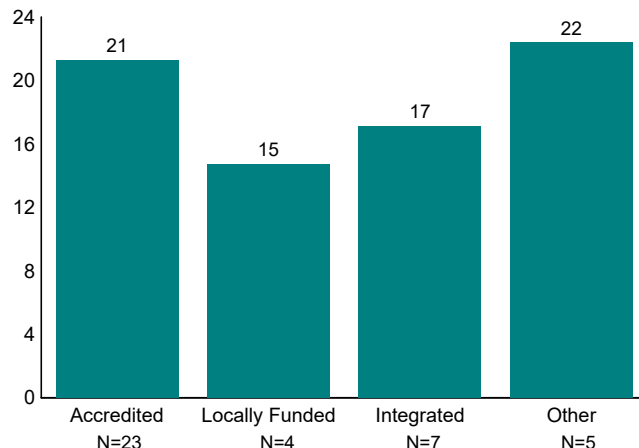
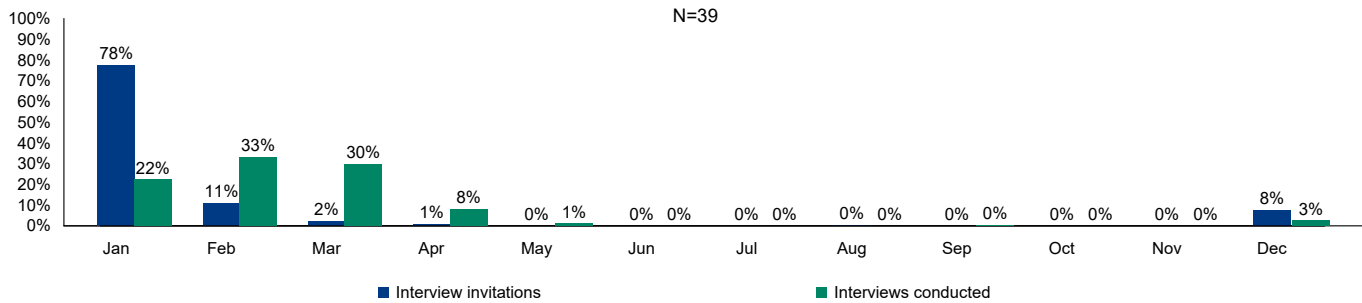


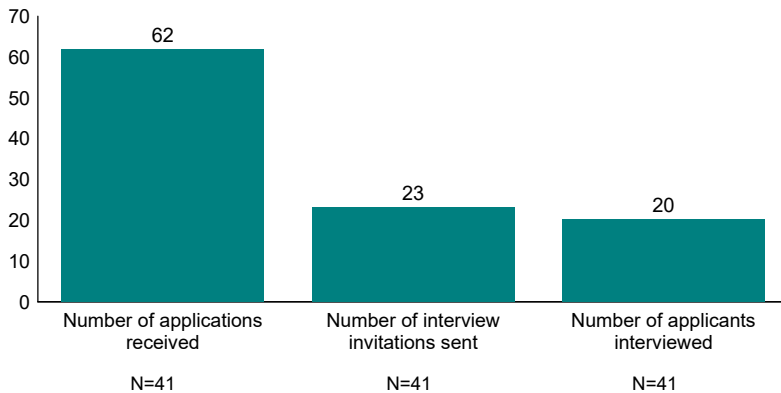
Figure-8

Pediatric Hematology/Oncology Program's Interview Activities

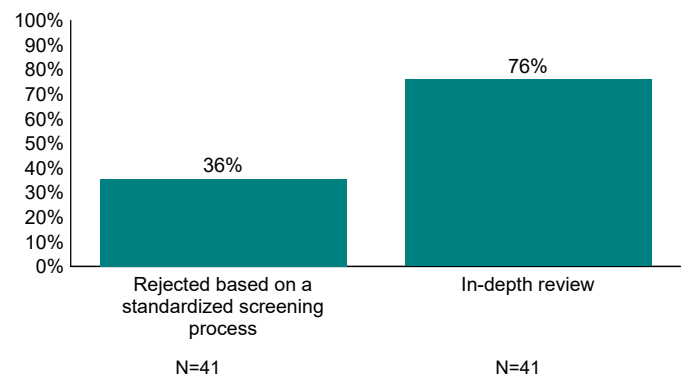
Interview Invitations Sent and Interviews Conducted



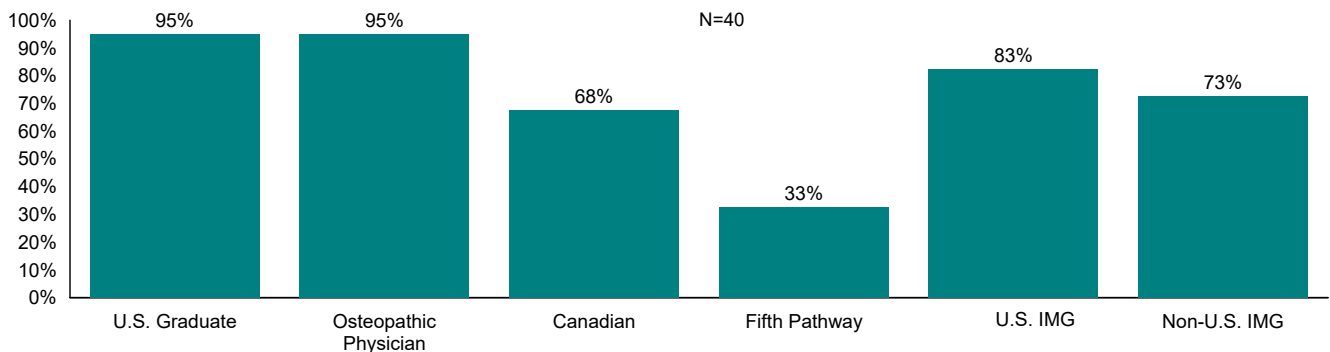
Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked



Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type
33% of Pediatric Hematology/Oncology programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

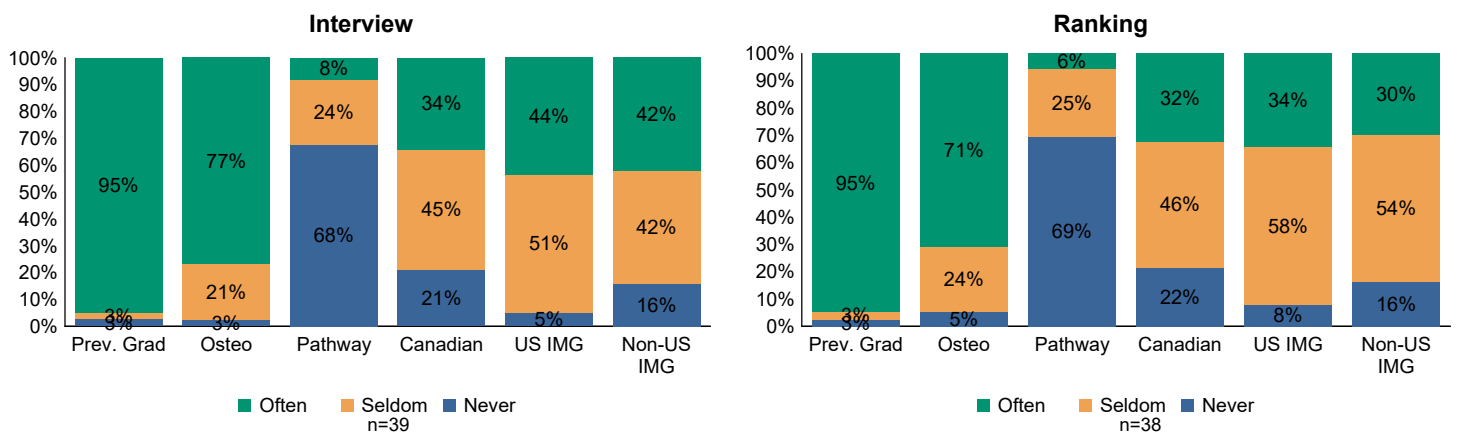


Figure-9

**Pediatric Hematology/Oncology
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=35

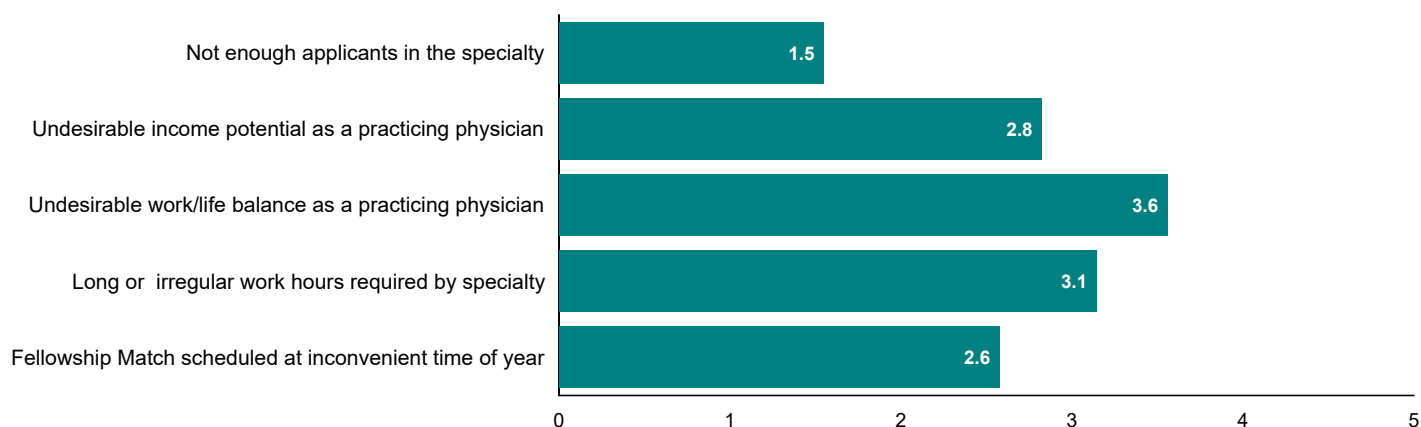


Figure-10

**Pediatric Hematology/Oncology
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=34

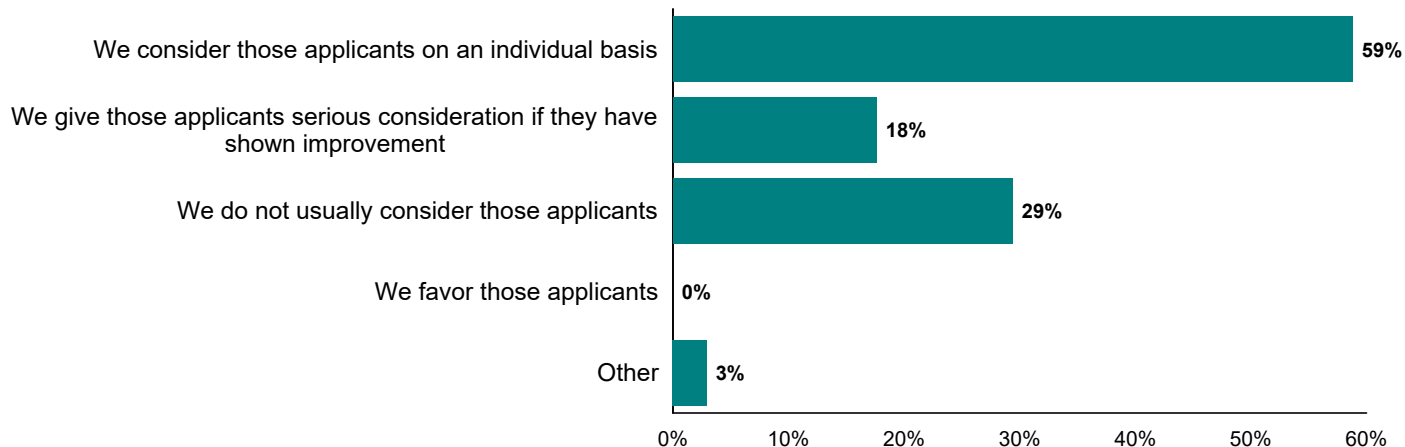
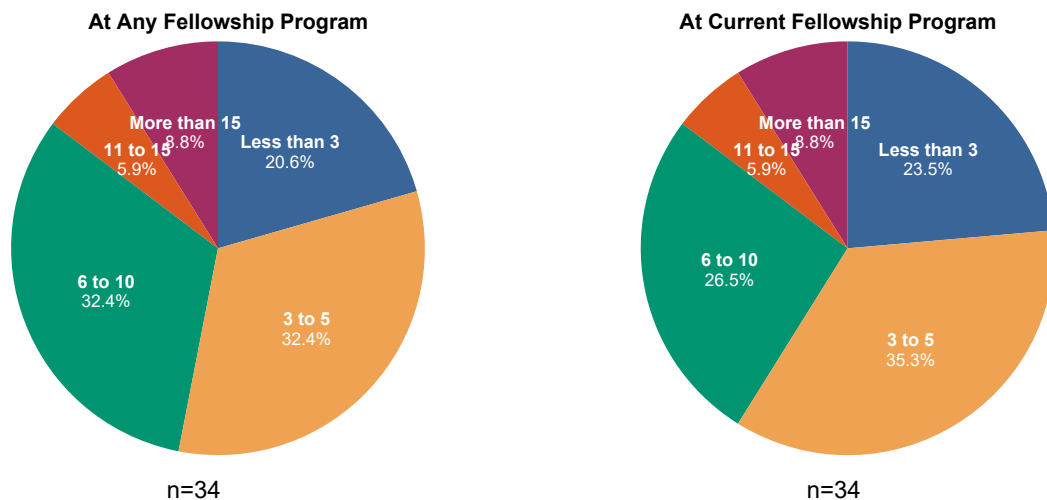


Figure-11

**Pediatric Hematology/Oncology
Years as Program Director**





Pediatric Hospital Medicine

2016 Survey

Number of responses	12
Response rate	41.4%

Match Information*

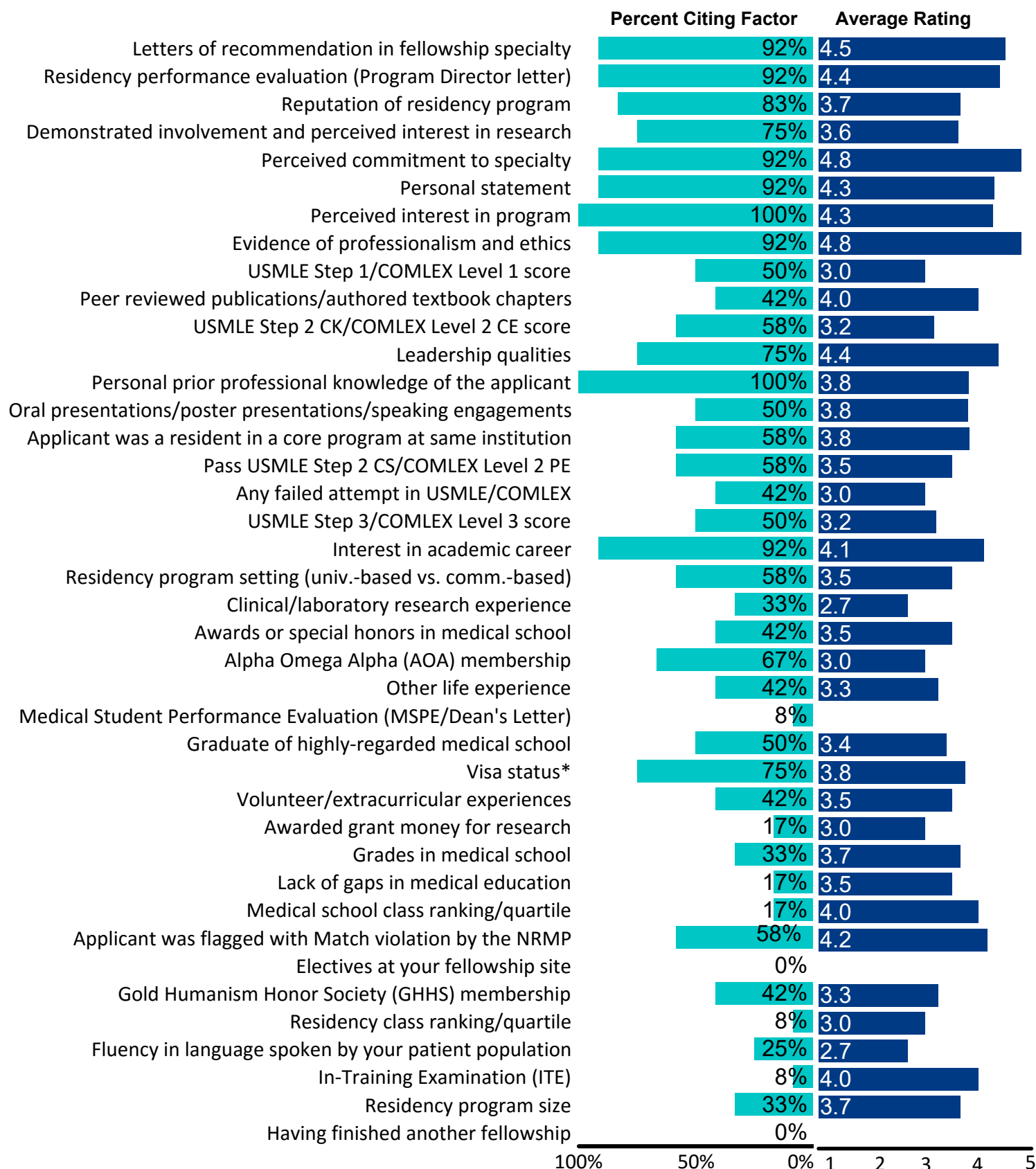
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	30	24	
Number of positions in the Match	38	30	
Number of applicants ranking specialty	38	37	

* Source: NRMP Data Warehouse

Figure-1

Pediatric Hospital Medicine

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=12)



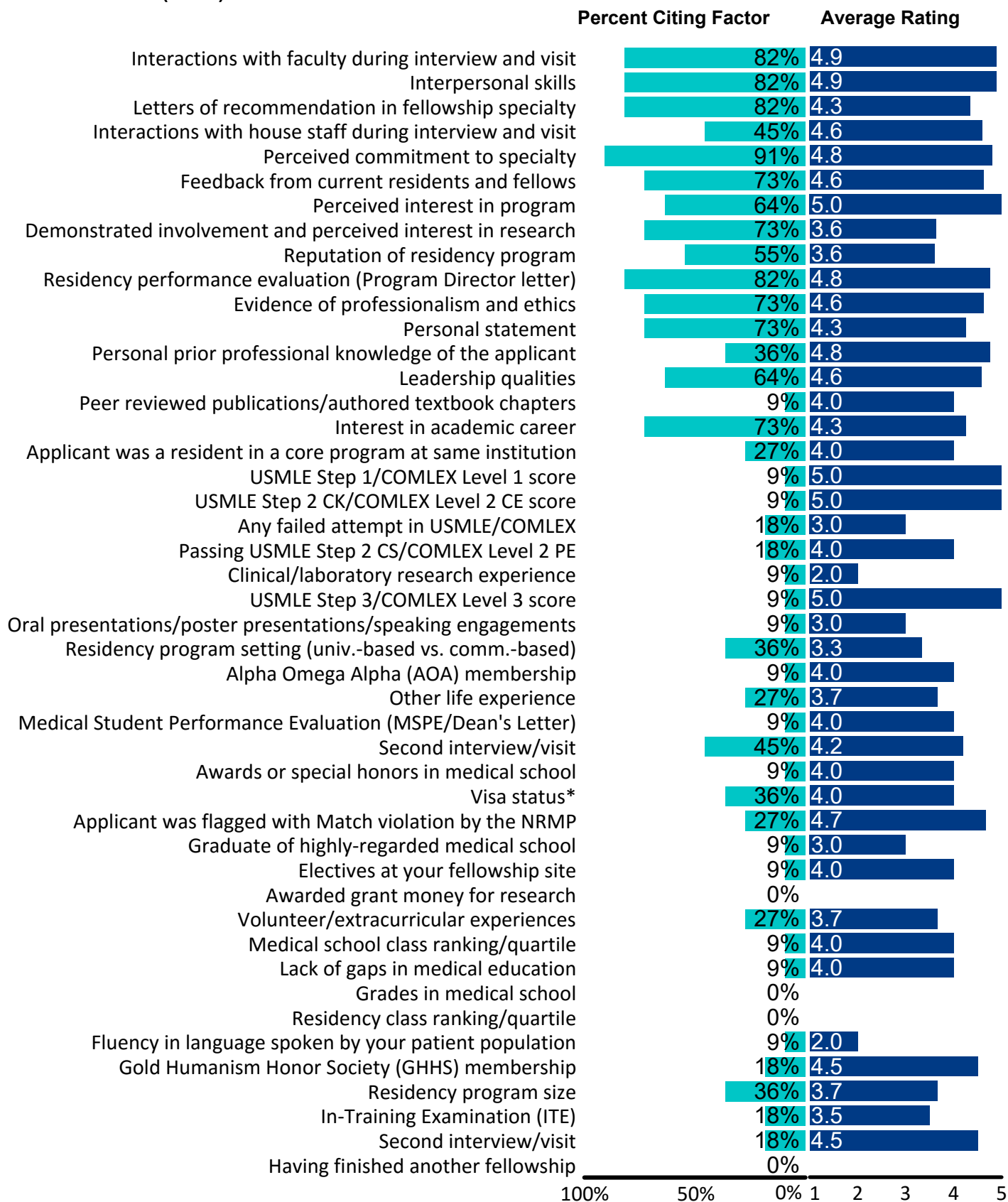
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Pediatric Hospital Medicine

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=12)



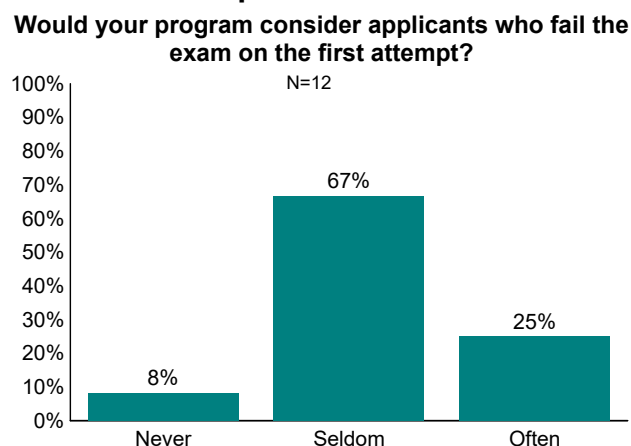
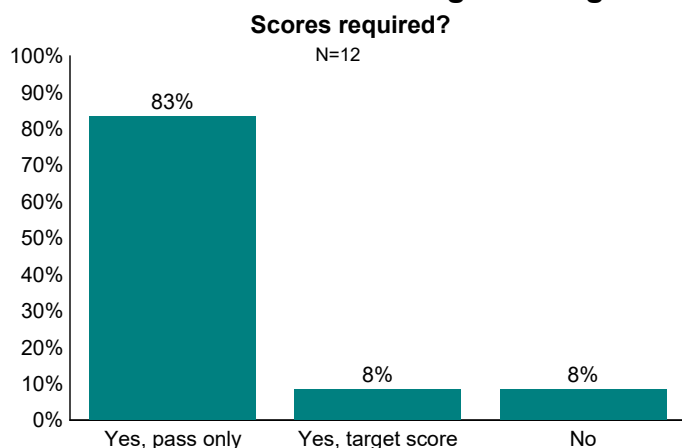
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

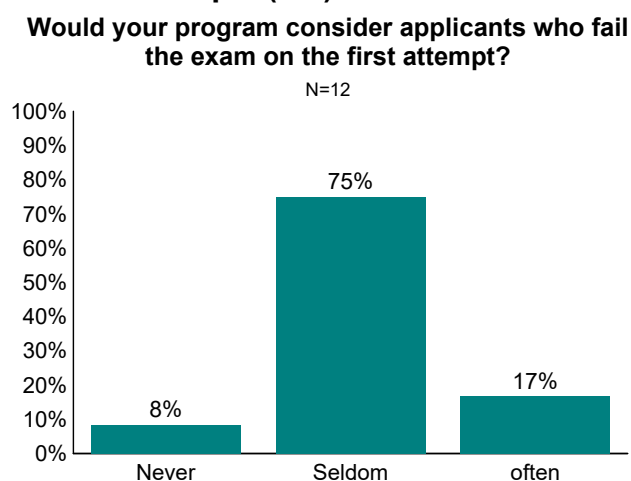
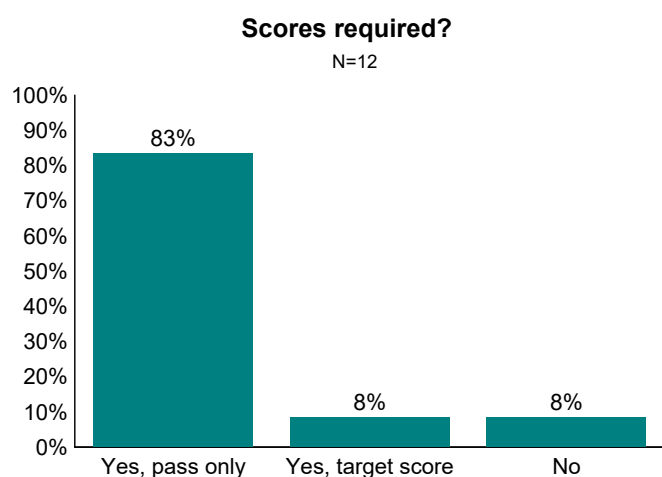
Figure-3

**Pediatric Hospital Medicine
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**

**Scores Below Which Programs
Generally Do Not Grant Interviews**

USMLE Step 1 not
reported because
of low response
rate

USMLE Step 2 CK
not reported
because of low
response rate

**Scores Above Which Programs
Almost Always Grant Interviews**

USMLE Step 1 not
reported because
of low response
rate

USMLE Step 2 CK
not reported
because of low
response rate

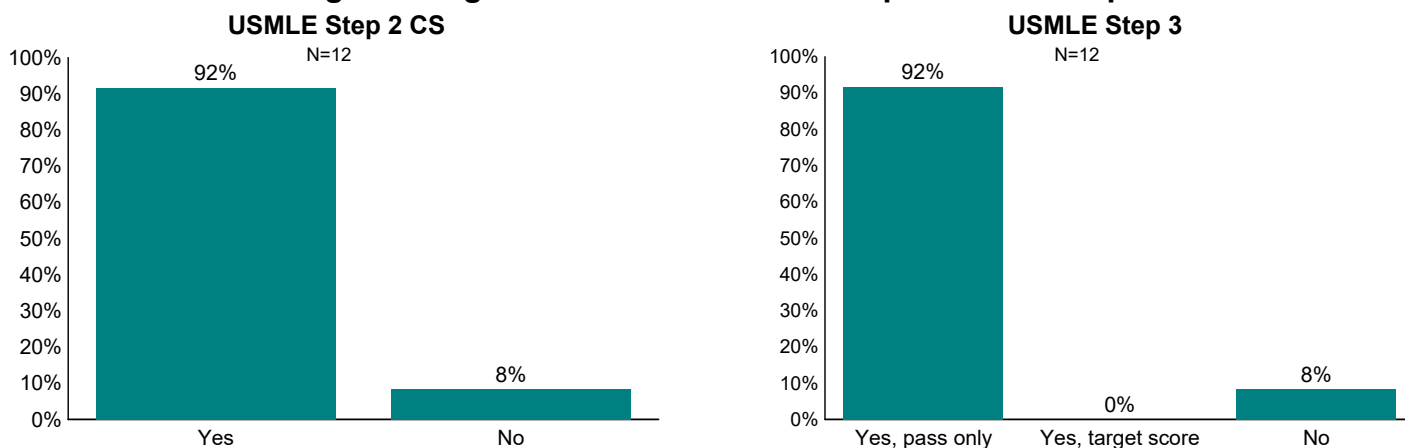
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

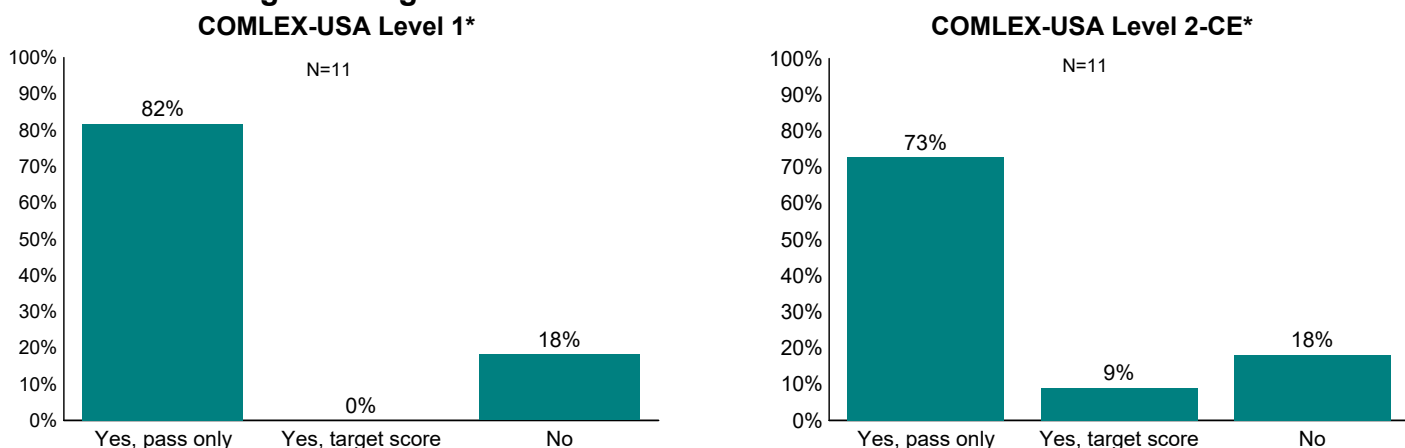
Pediatric Hospital Medicine

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

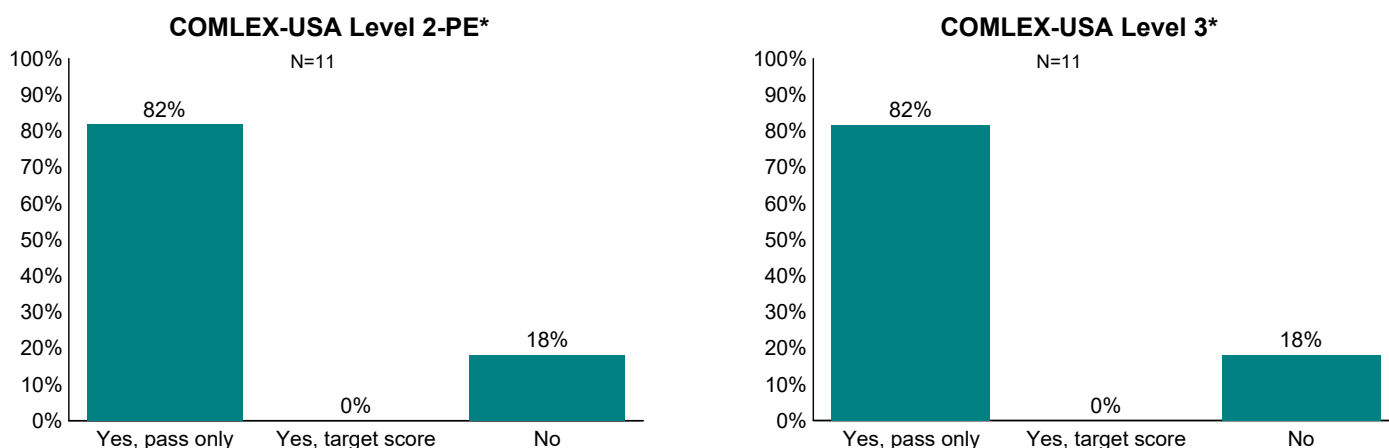
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Pediatric Hospital Medicine Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

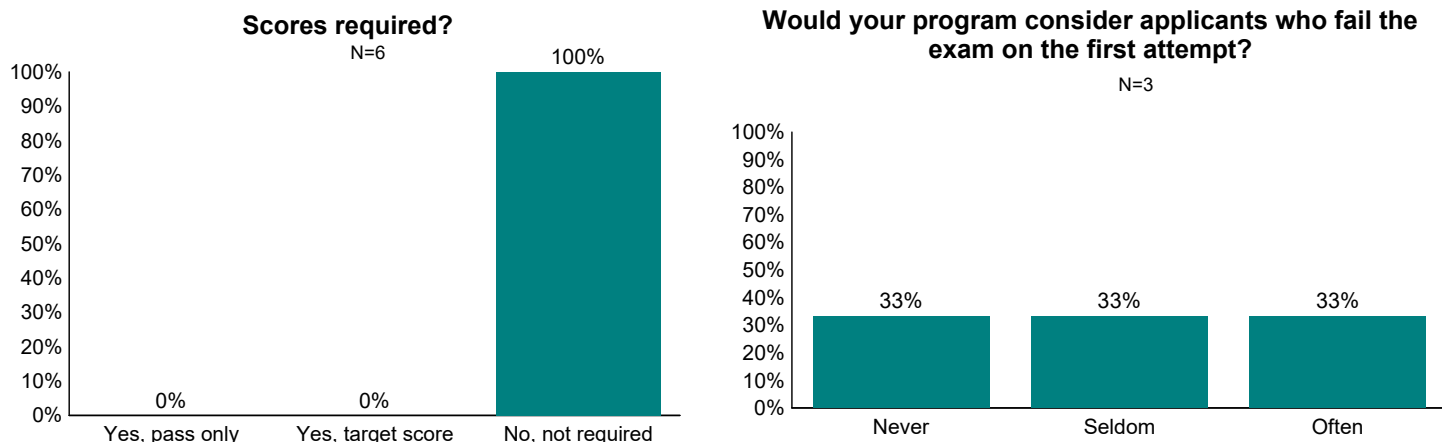


Figure-6

Pediatric Hospital Medicine Programs Positions

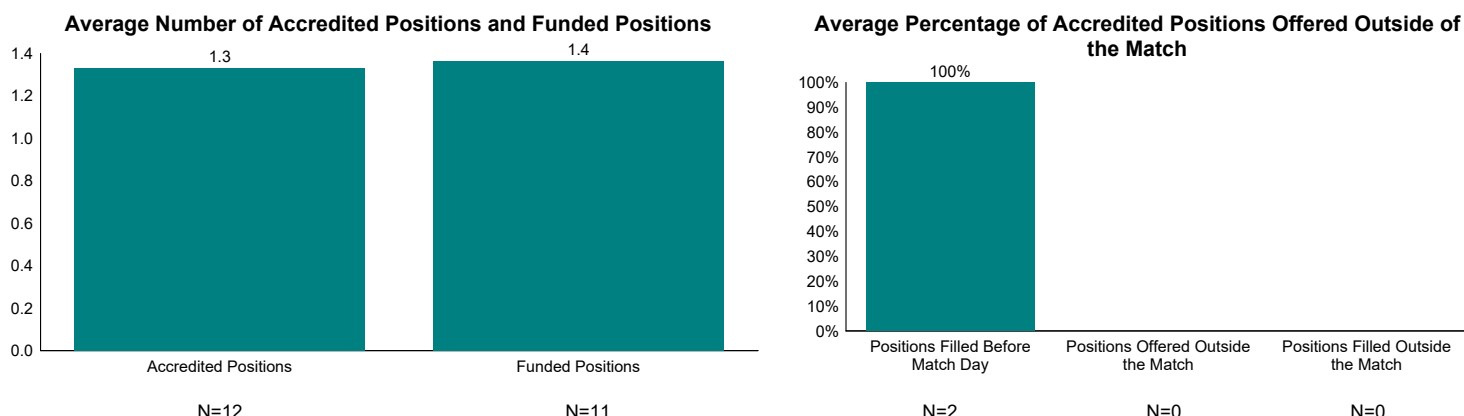
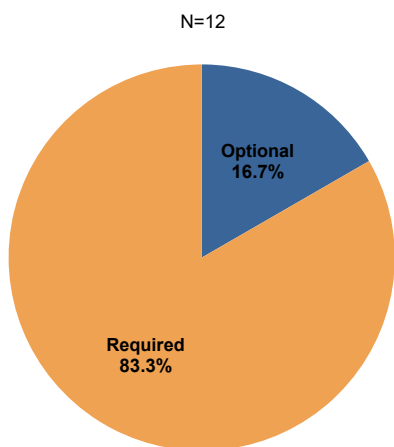


Figure-7

Pediatric Hospital Medicine Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

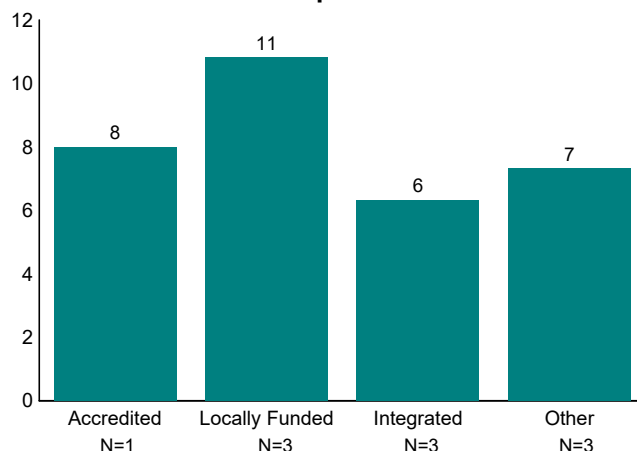
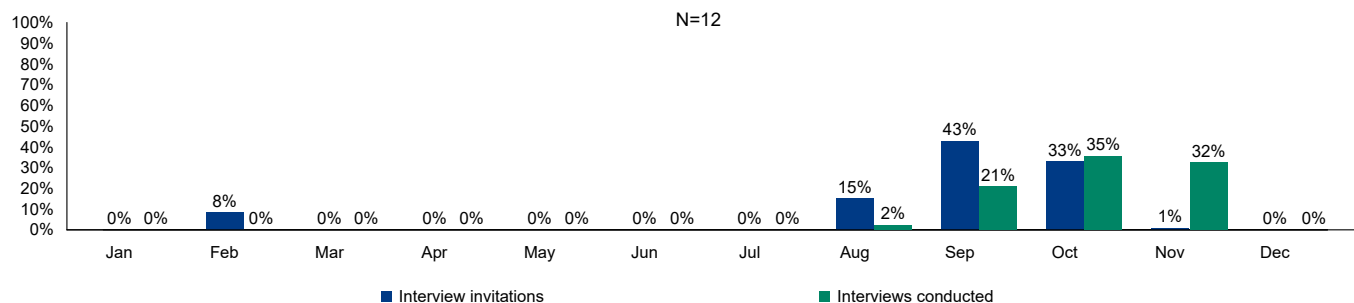


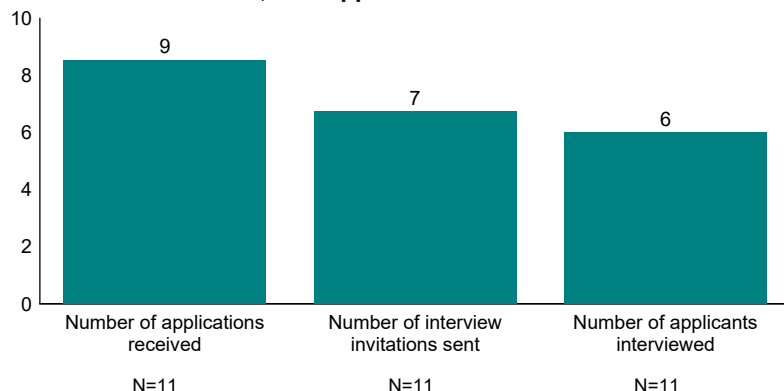
Figure-8

Pediatric Hospital Medicine Program's Interview Activities

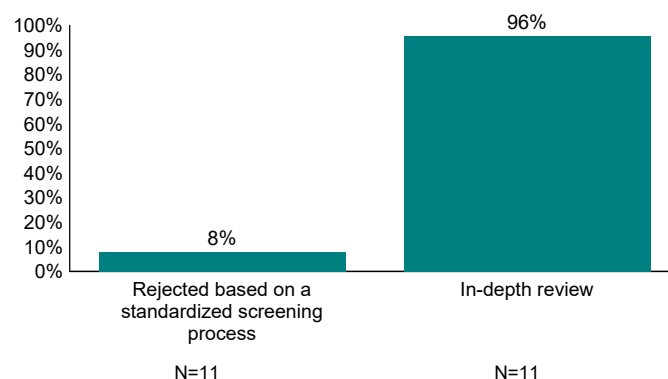
Interview Invitations Sent and Interviews Conducted



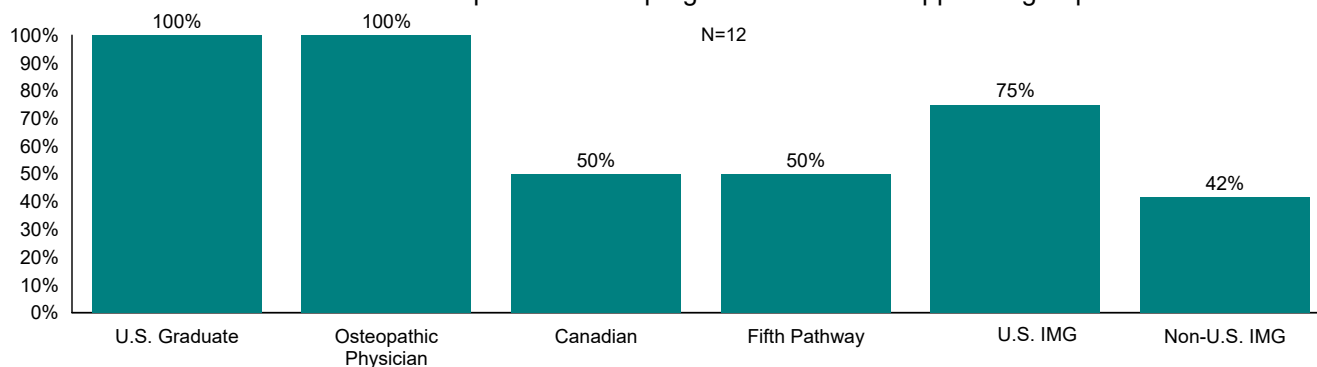
Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked



Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type
42% of Pediatric Hospital Medicine programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

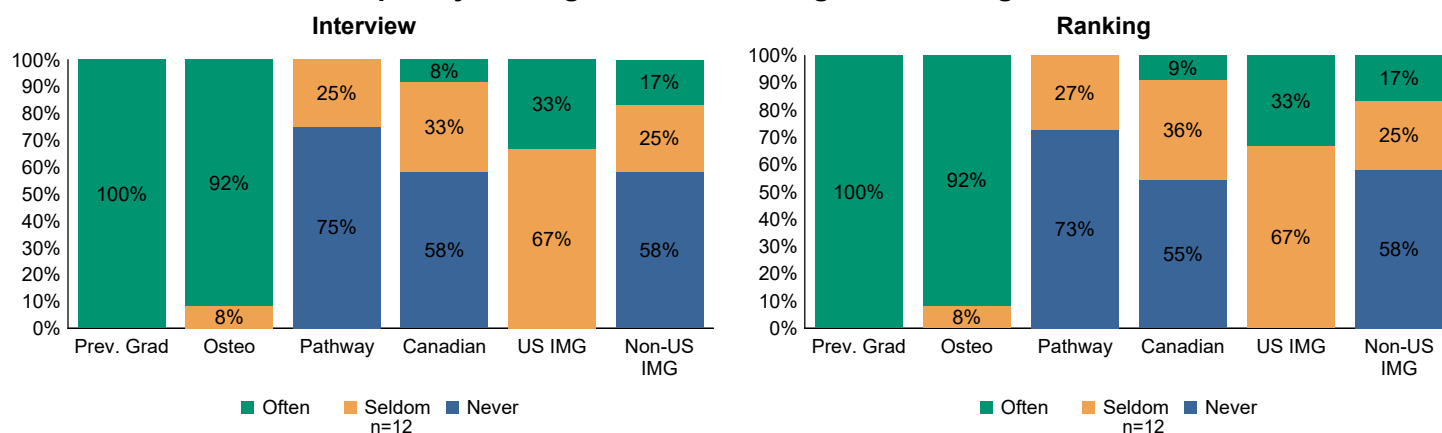


Figure-9

**Pediatric Hospital Medicine
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=10

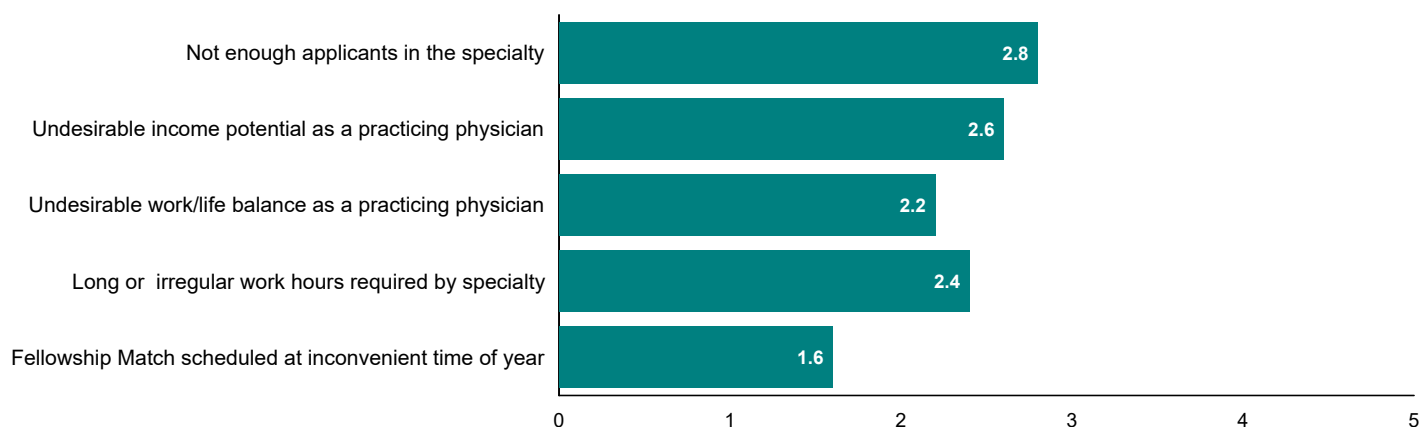


Figure-10

**Pediatric Hospital Medicine
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=9

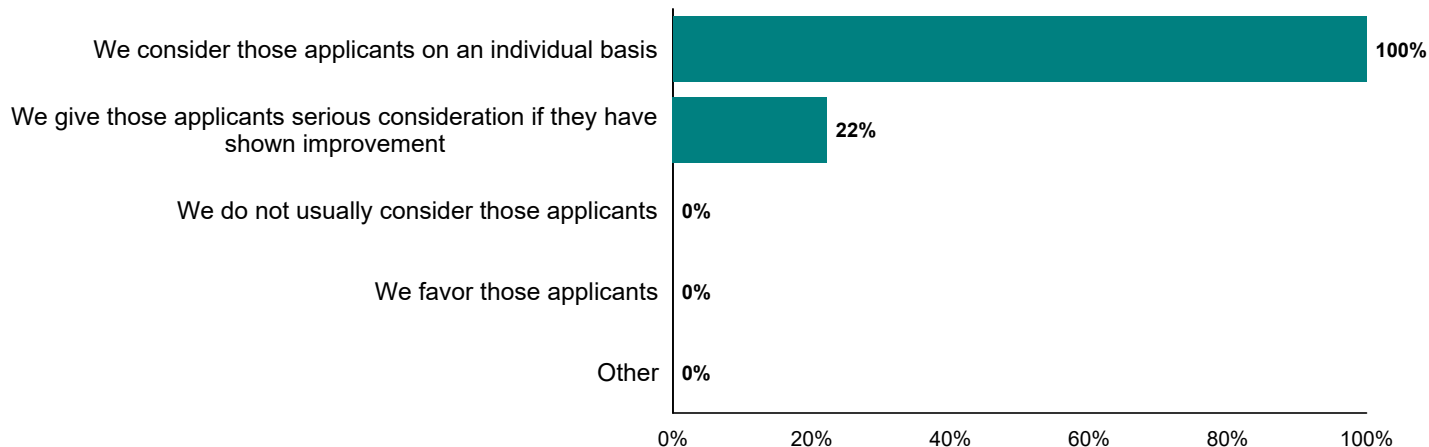
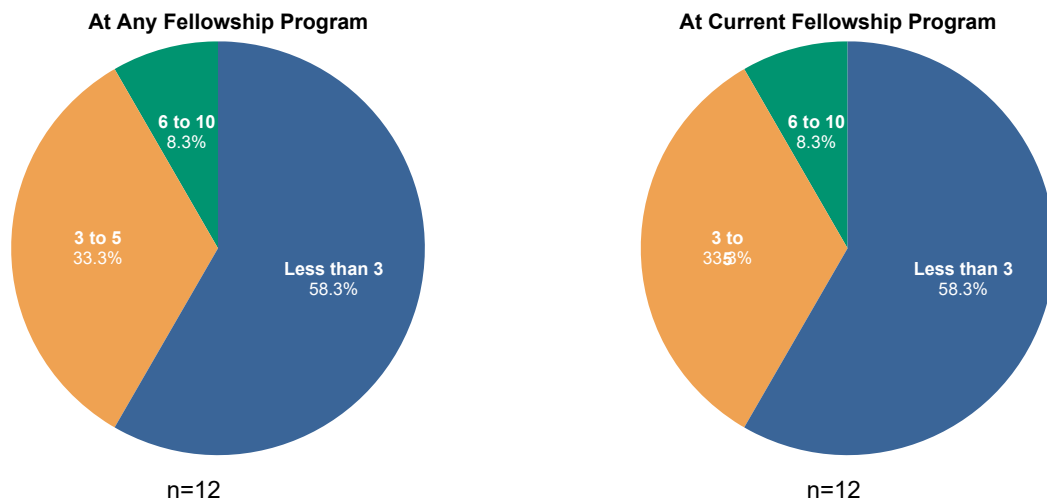


Figure-11

**Pediatric Hospital Medicine
Years as Program Director**





Pediatric Infectious Diseases

2016 Survey

Number of responses	29
Response rate	56.9%

Match Information*

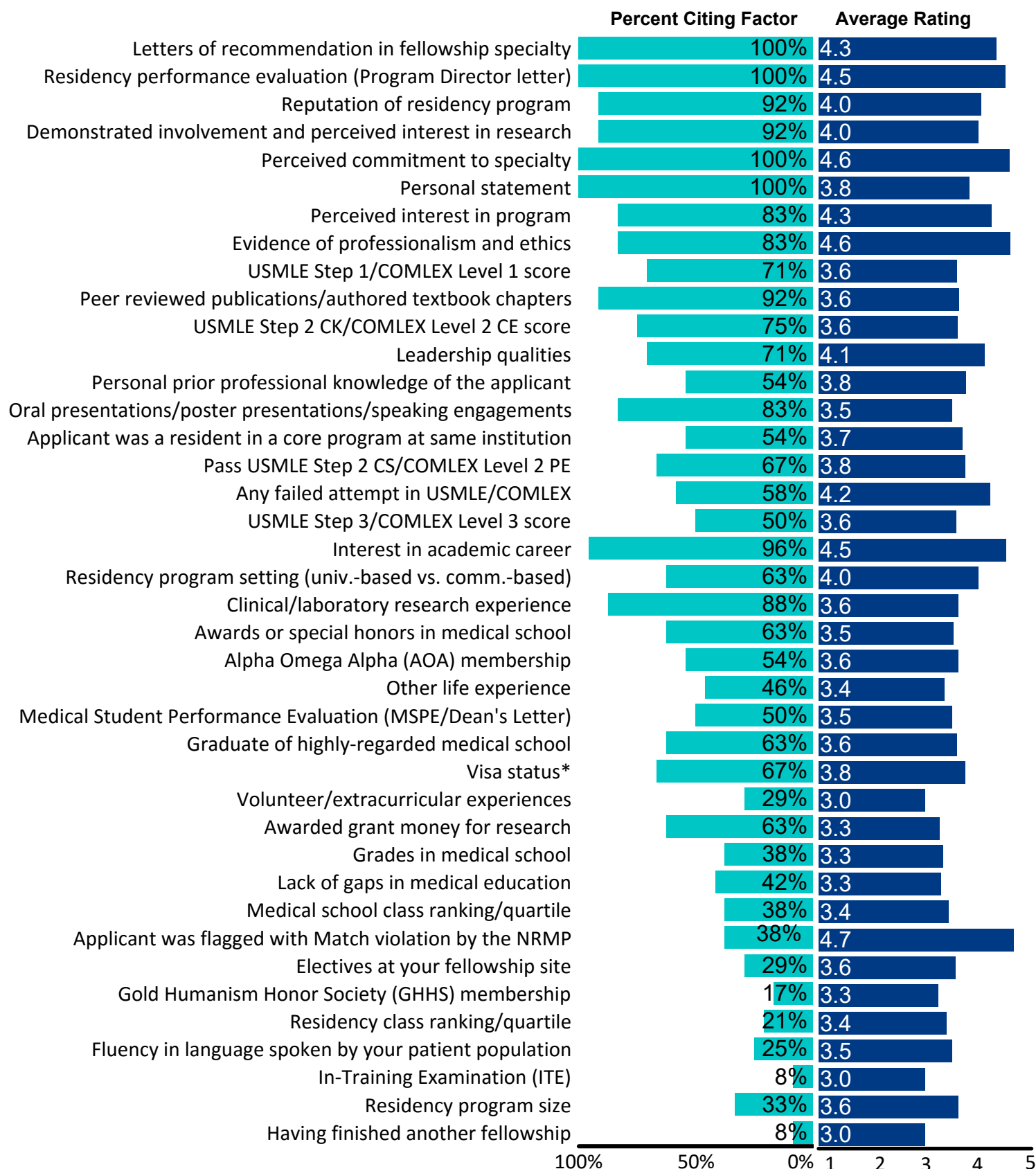
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	53	51	48
Number of positions in the Match	70	66	64
Number of applicants ranking specialty	49	34	48

* Source: NRMP Data Warehouse

Figure-1

Pediatric Infectious Diseases

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=24)



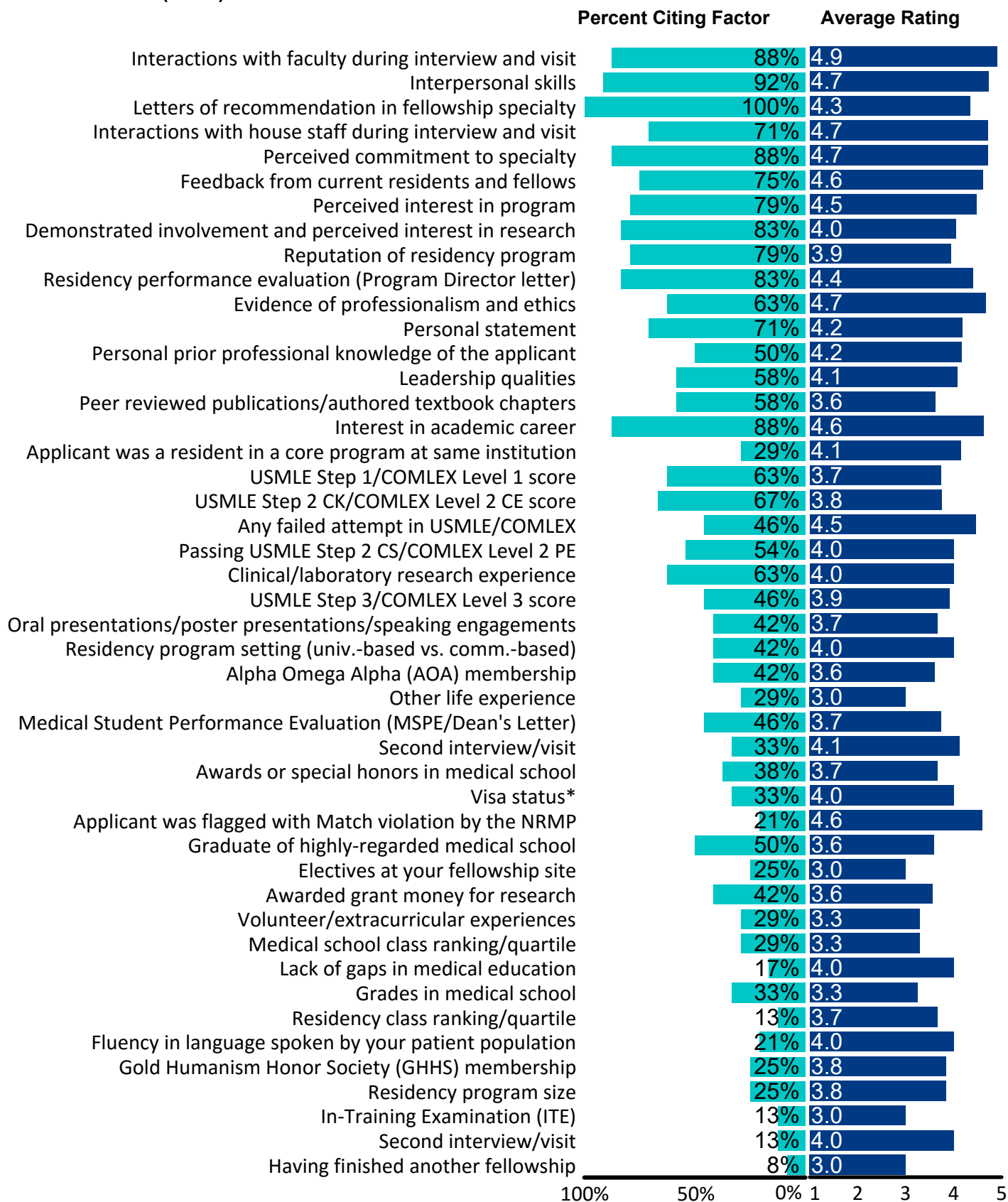
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Pediatric Infectious Diseases

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=24)



¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

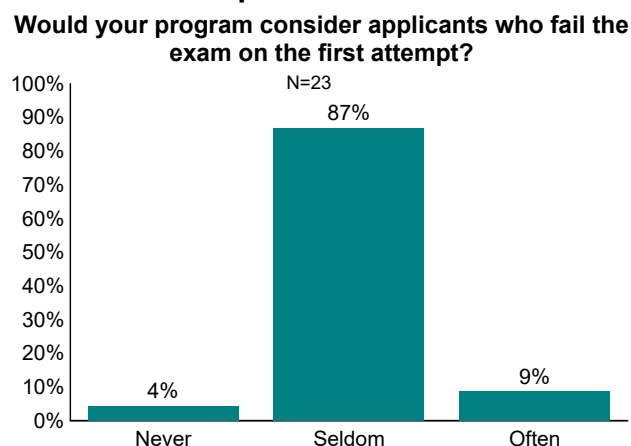
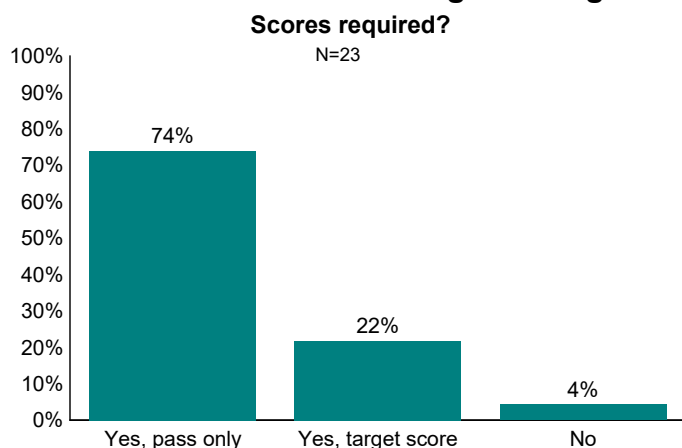
* International Medical Graduates only

Figure-3

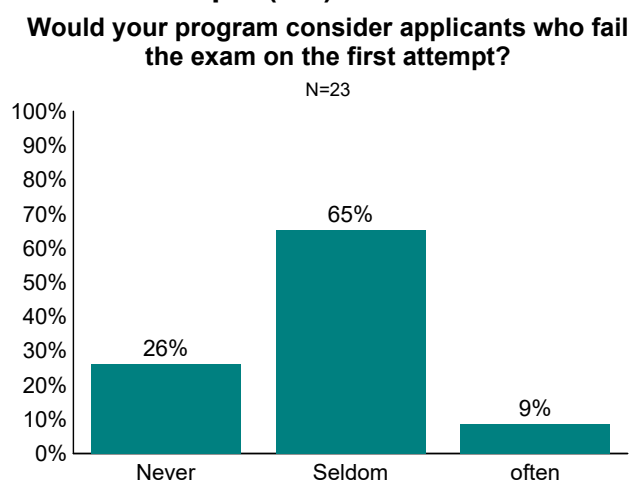
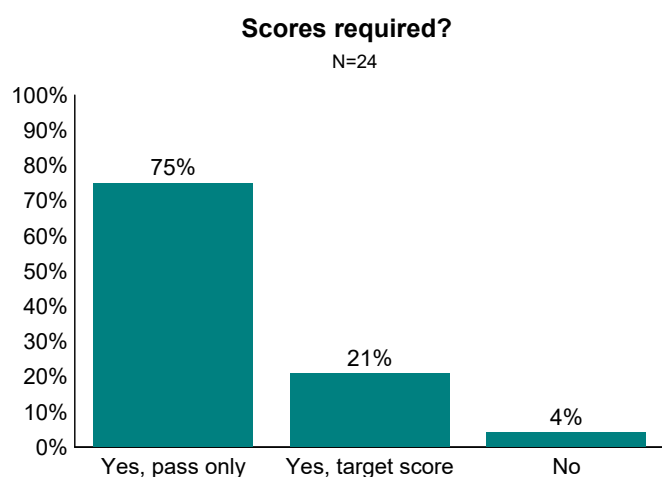
Pediatric Infectious Diseases

Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When Considering Which Applicants to Interview

Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs Consider When Granting Interviews

Scores Below Which Programs Generally Do Not Grant Interviews

USMLE Step 1 not reported because of low response rate

USMLE Step 2 CK not reported because of low response rate

Scores Above Which Programs Almost Always Grant Interviews

USMLE Step 1 not reported because of low response rate

USMLE Step 2 CK not reported because of low response rate

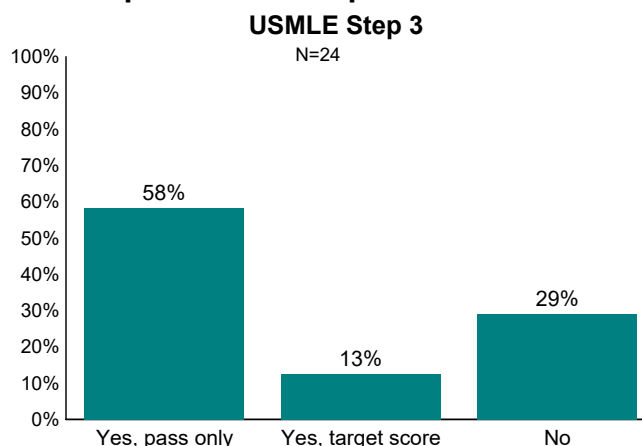
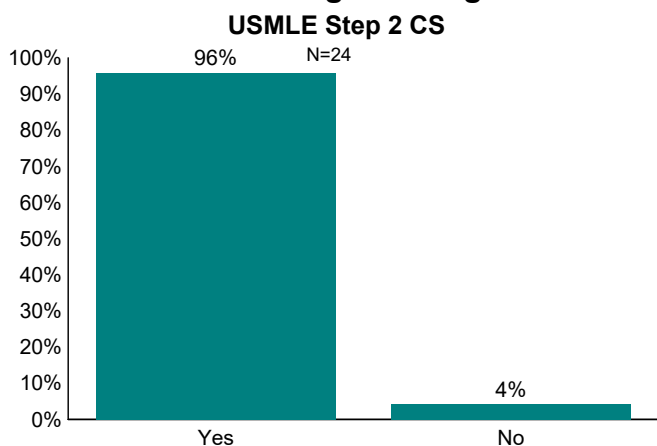
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

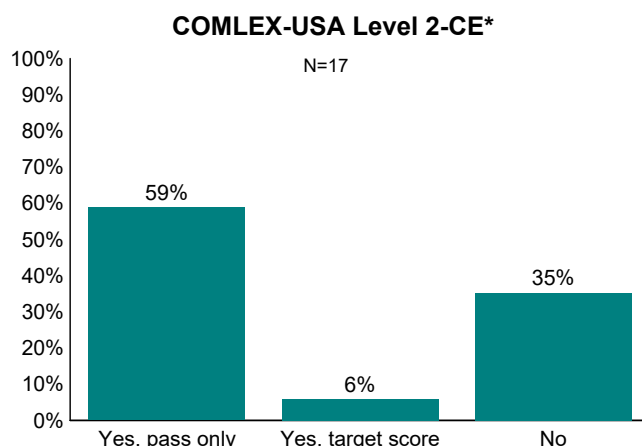
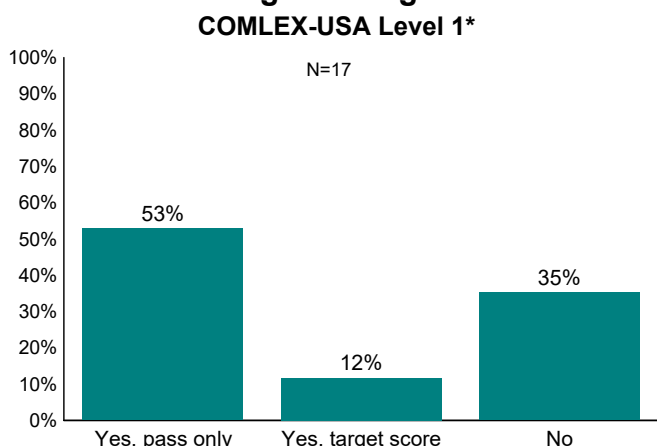
Pediatric Infectious Diseases

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

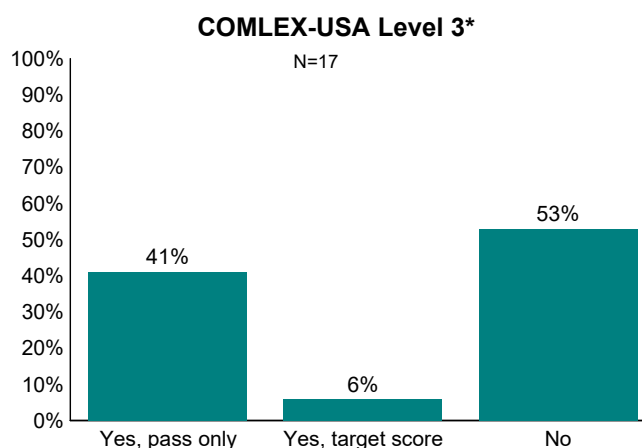
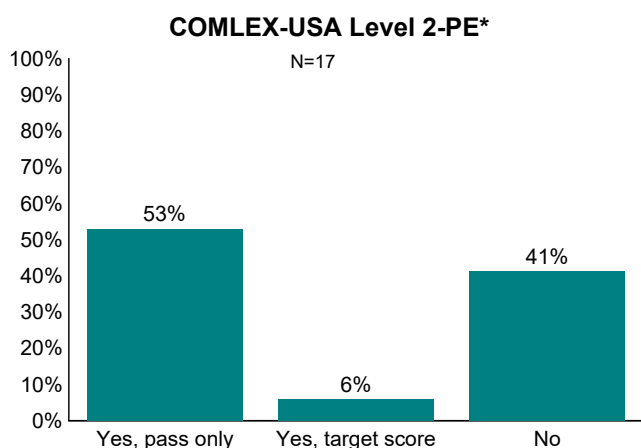
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Pediatric Infectious Diseases Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

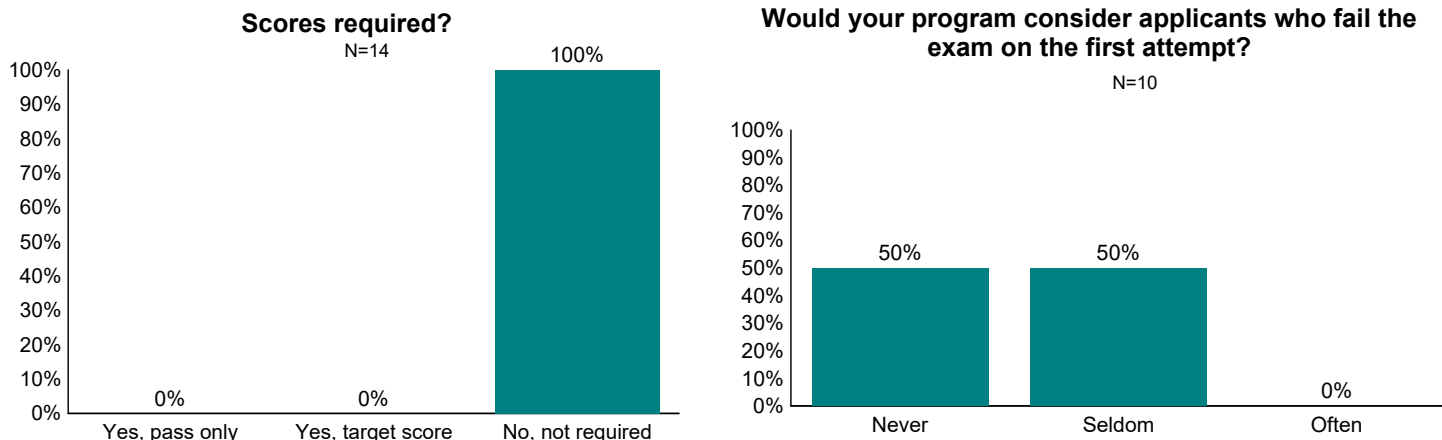


Figure-6

Pediatric Infectious Diseases Programs Positions

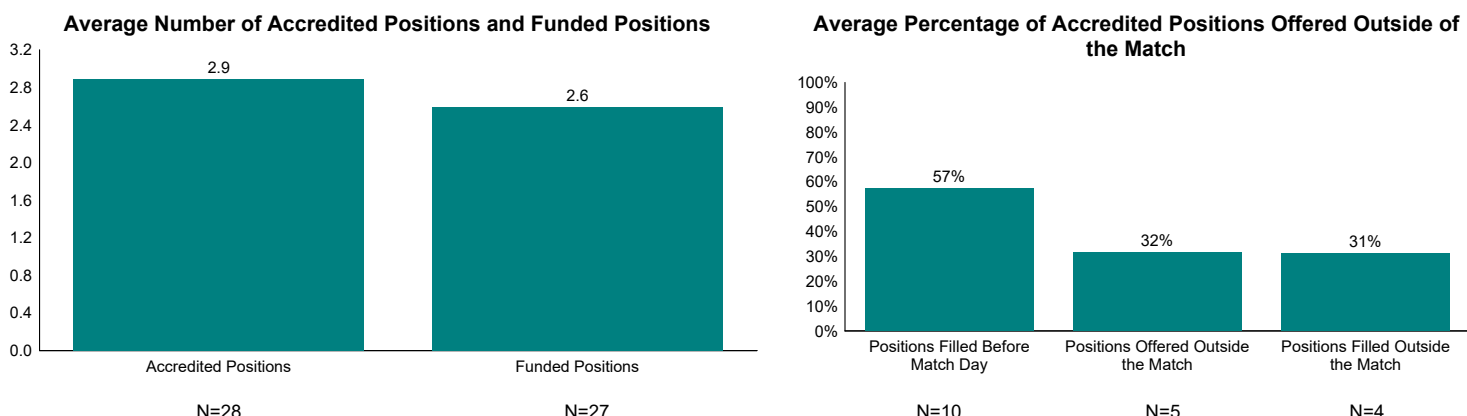
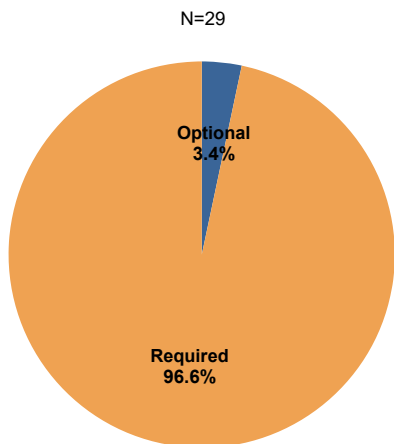


Figure-7

Pediatric Infectious Diseases Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

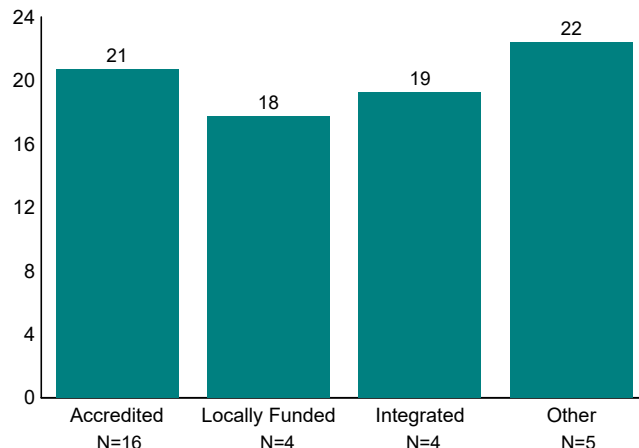
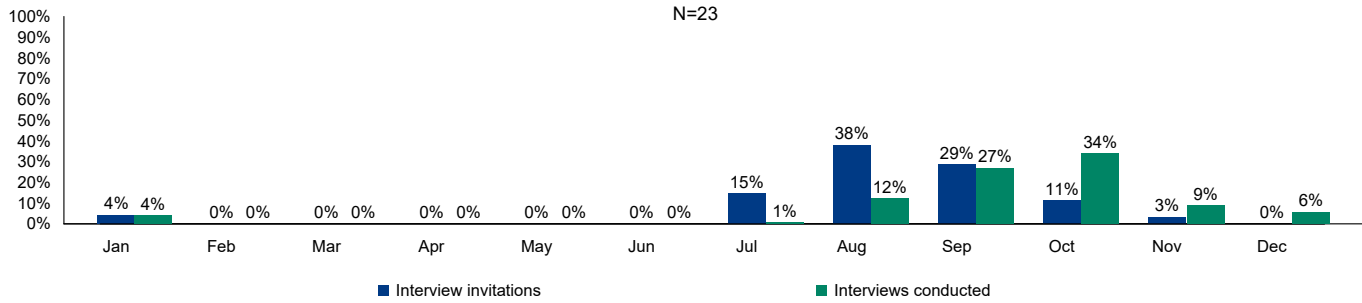


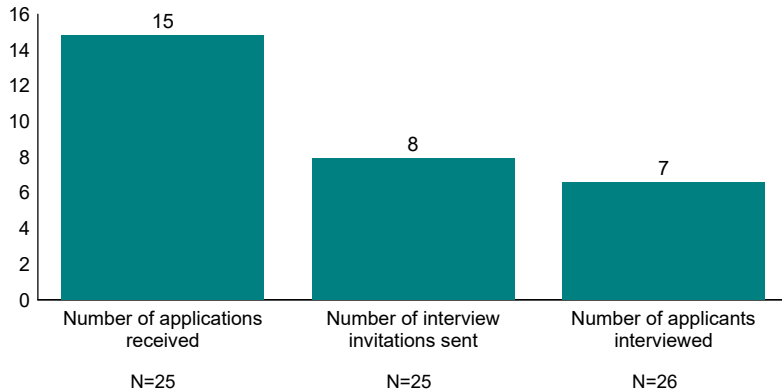
Figure-8

Pediatric Infectious Diseases Program's Interview Activities

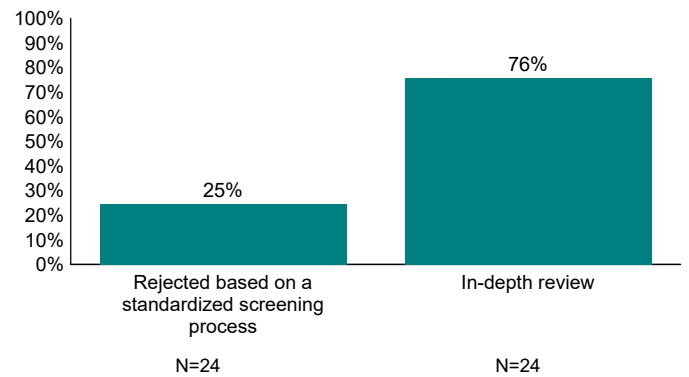
Interview Invitations Sent and Interviews Conducted



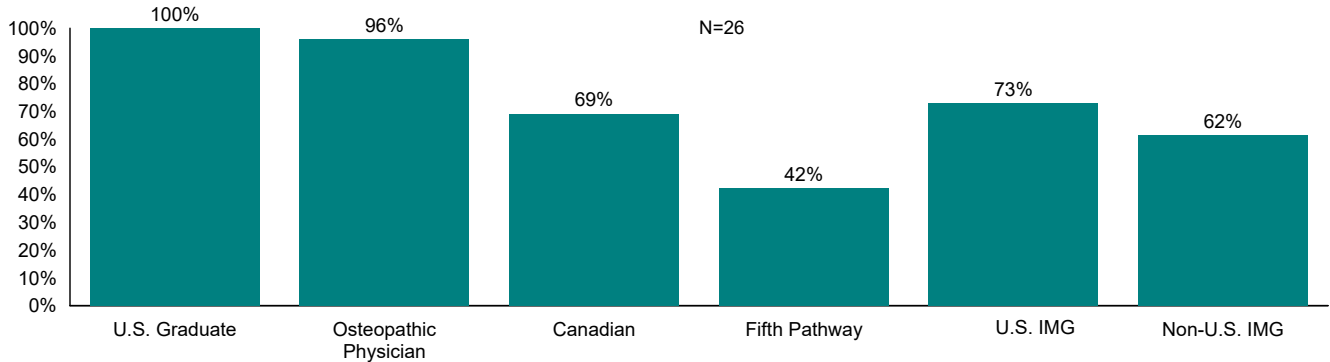
Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked



Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type
42% of Pediatric Infectious Diseases programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

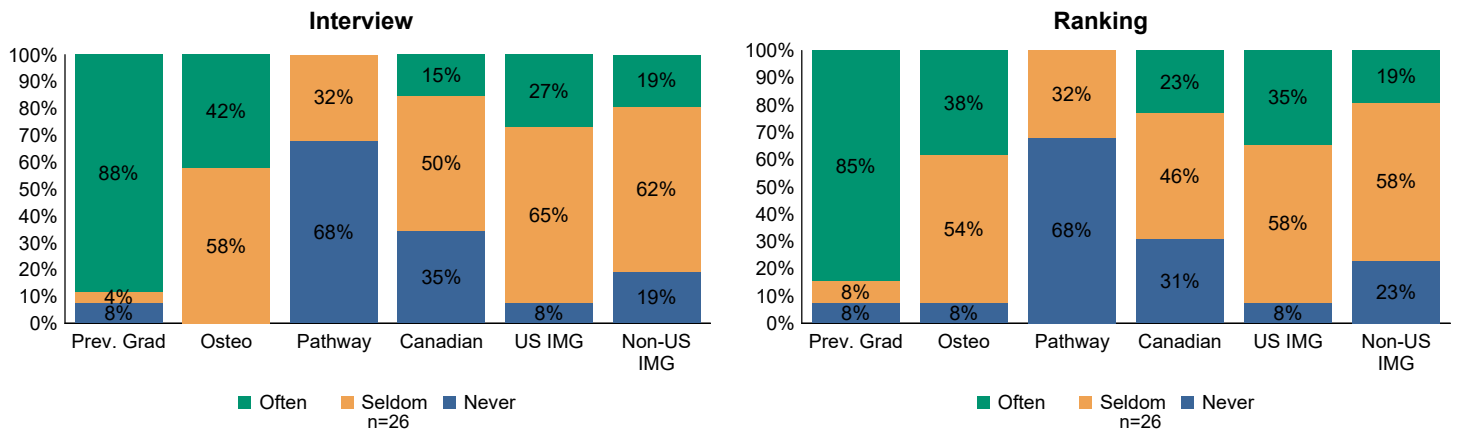


Figure-9

**Pediatric Infectious Diseases
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=24

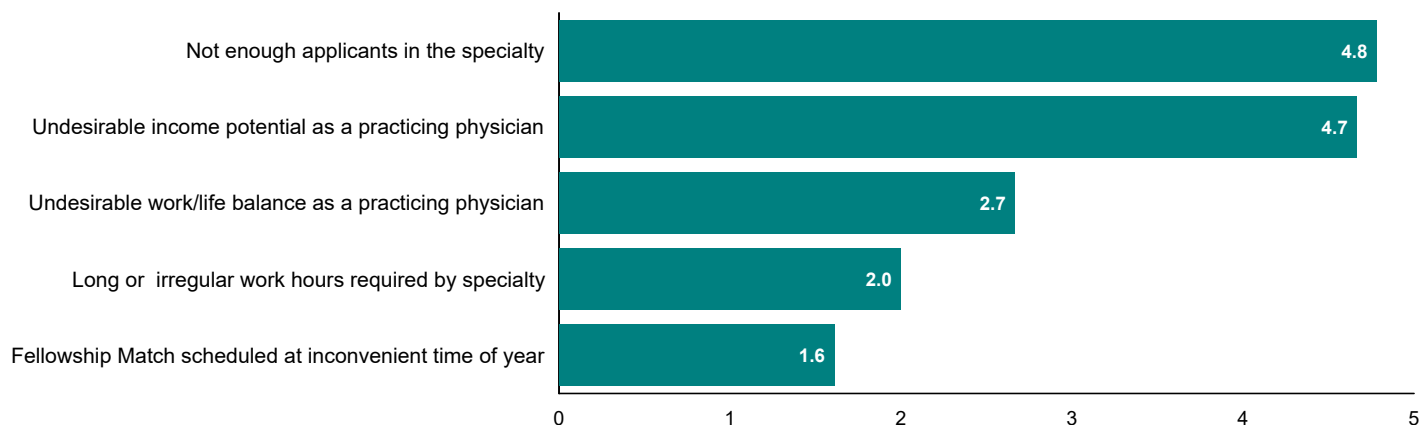


Figure-10

**Pediatric Infectious Diseases
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=24

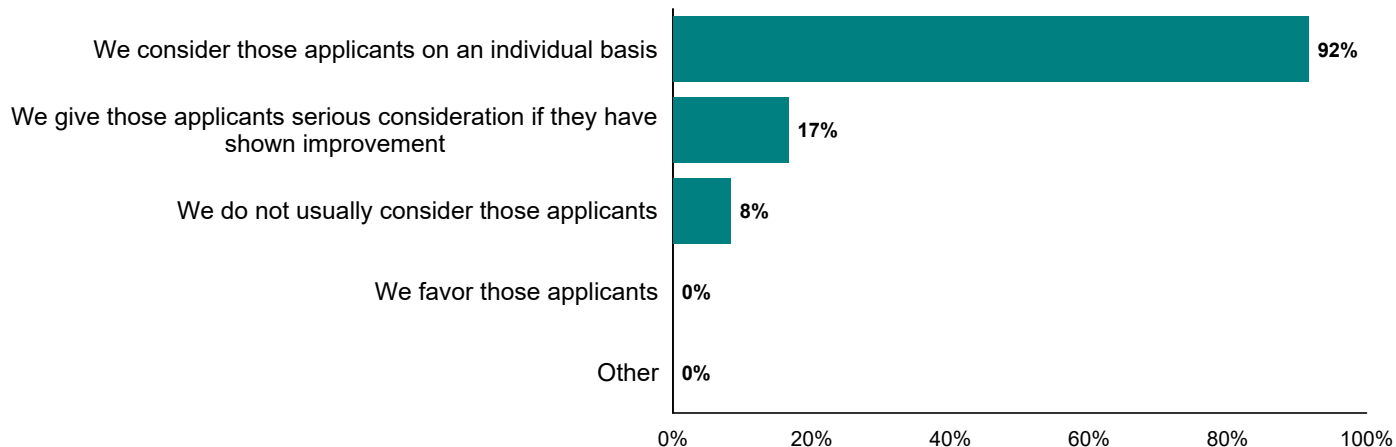
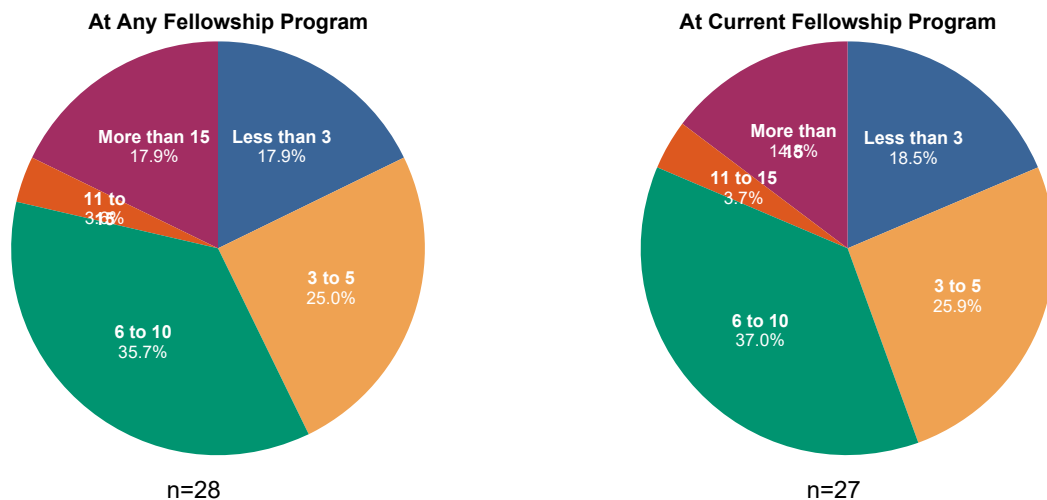


Figure-11

**Pediatric Infectious Diseases
Years as Program Director**





Pediatric Nephrology

2016 Survey

Number of responses	17
Response rate	41.5%

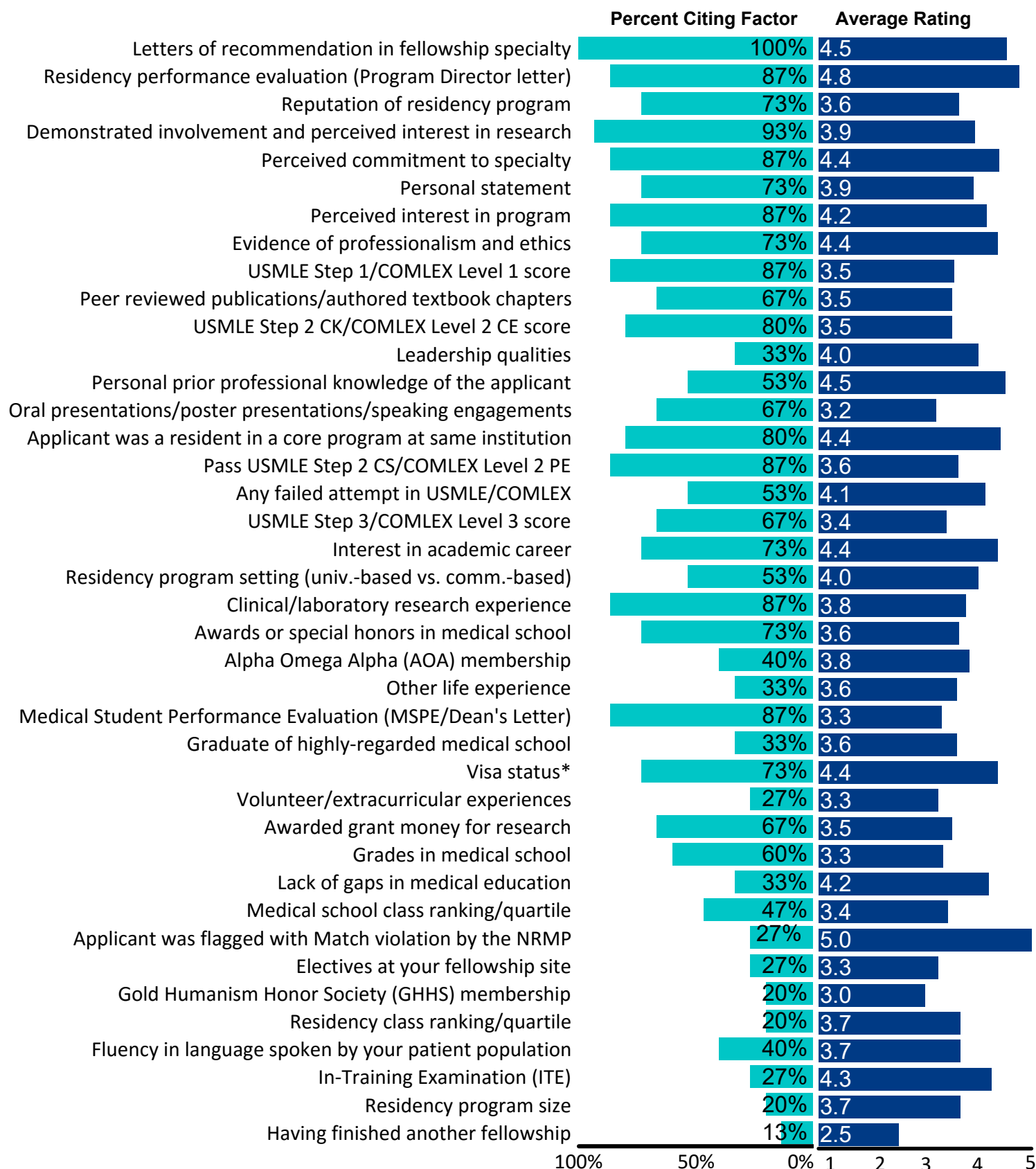
Match Information*

	Appointment Years		
	2016	2015	2014
Number of programs in the Match	41	39	42
Number of positions in the Match	62	58	61
Number of applicants ranking specialty	28	23	37

* Source: NRMP Data Warehouse

Figure-1

Pediatric Nephrology
Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=15)



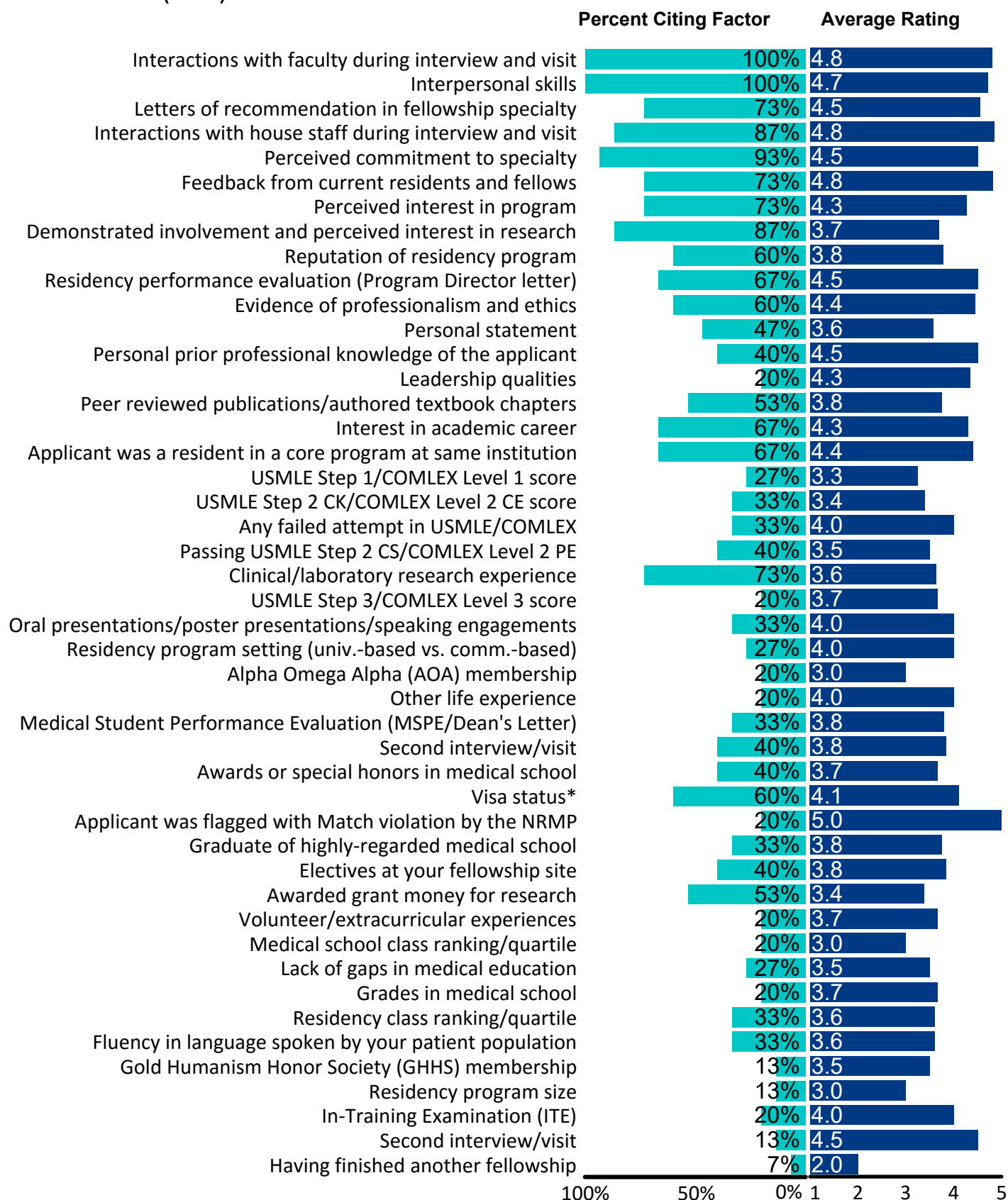
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Pediatric Nephrology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=15)



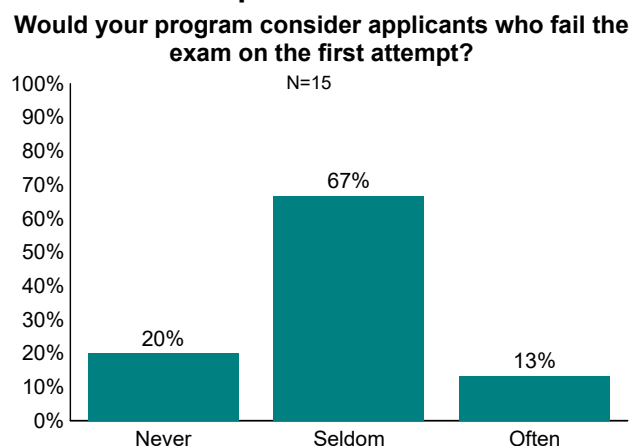
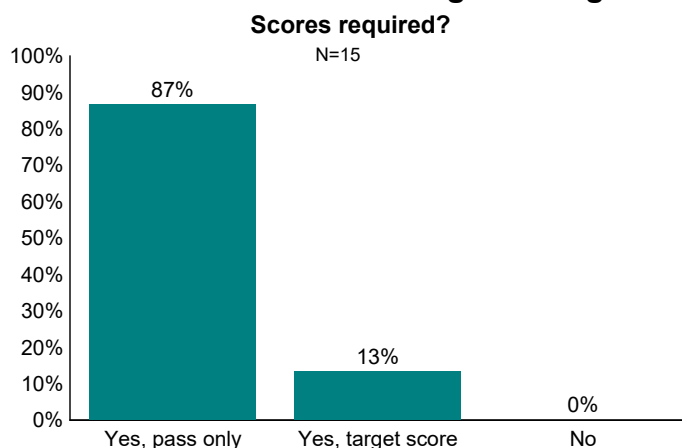
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

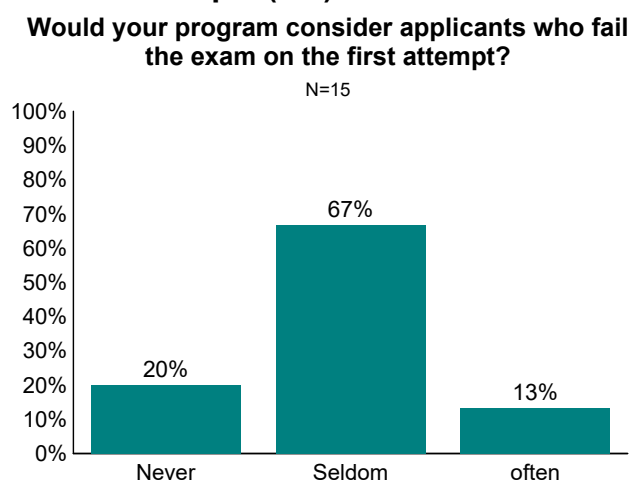
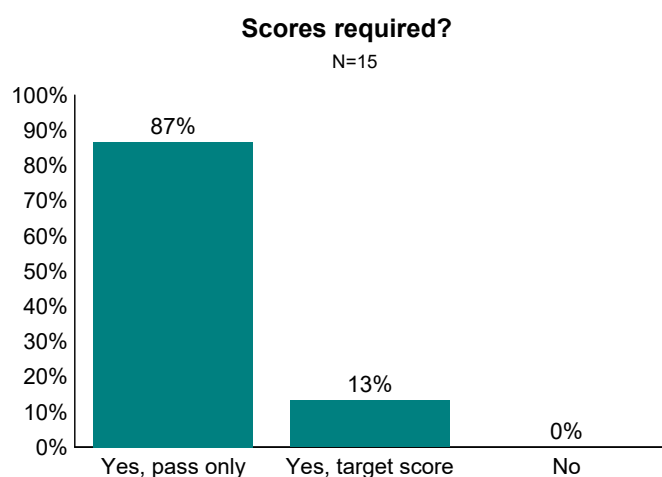
Figure-3

**Pediatric Nephrology
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**

**Scores Below Which Programs
Generally Do Not Grant Interviews**

USMLE Step 1 not
reported because
of low response
rate

USMLE Step 2 CK
not reported
because of low
response rate

**Scores Above Which Programs
Almost Always Grant Interviews**

USMLE Step 1 not
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USMLE Step 2 CK
not reported
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response rate

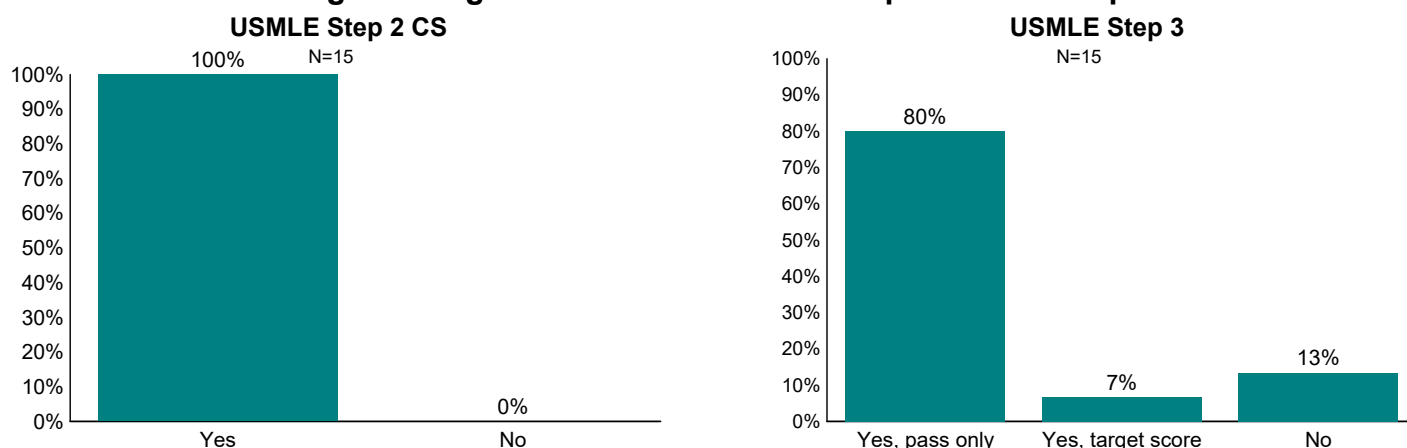
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

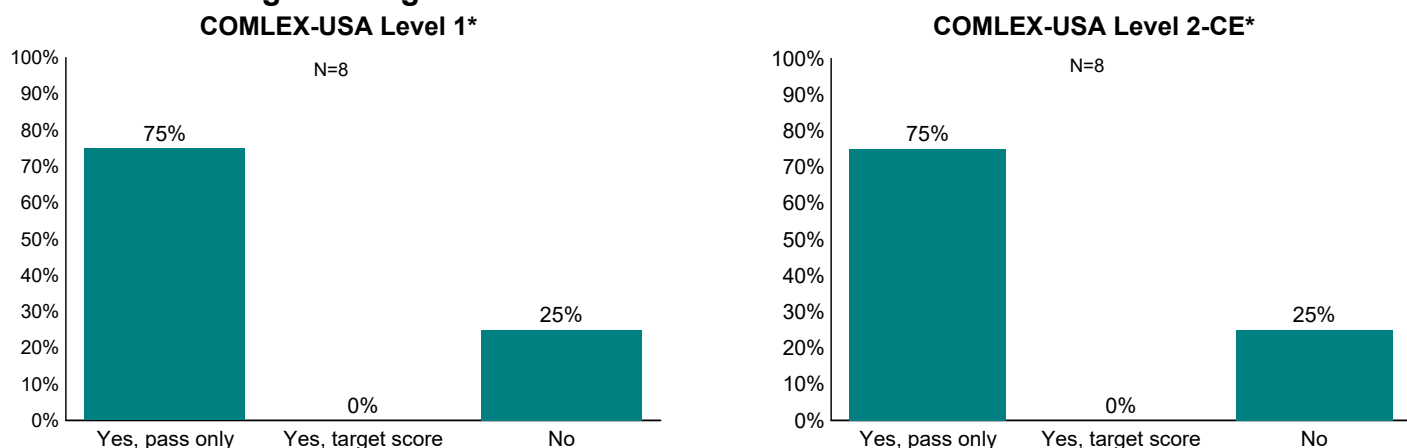
Pediatric Nephrology

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

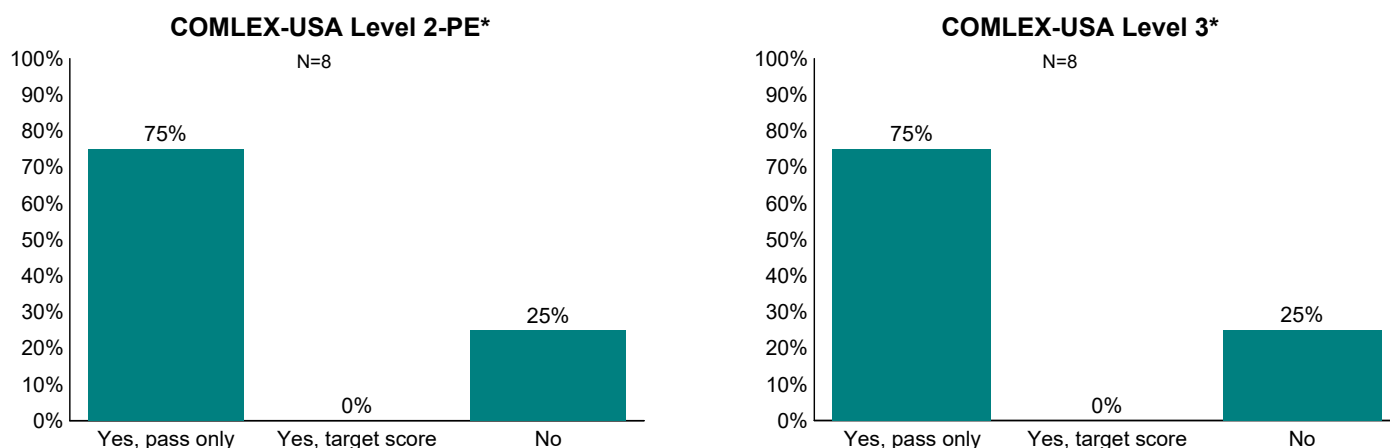
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

**Pediatric Nephrology
Programs That Use Core Specialty Certifying Examination When Considering
Applicants for Interview**

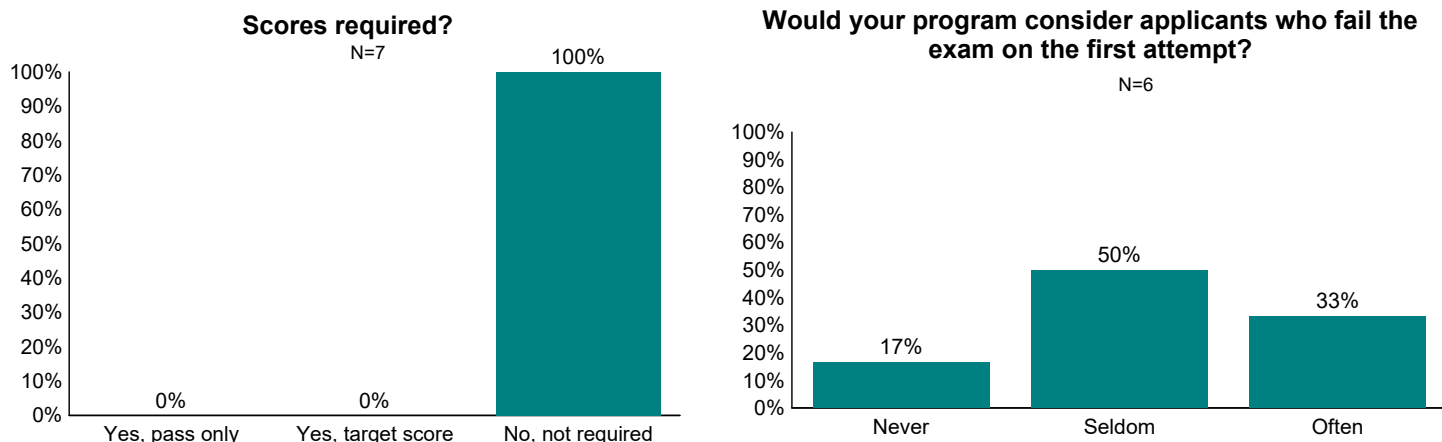


Figure-6

**Pediatric Nephrology
Programs Positions**

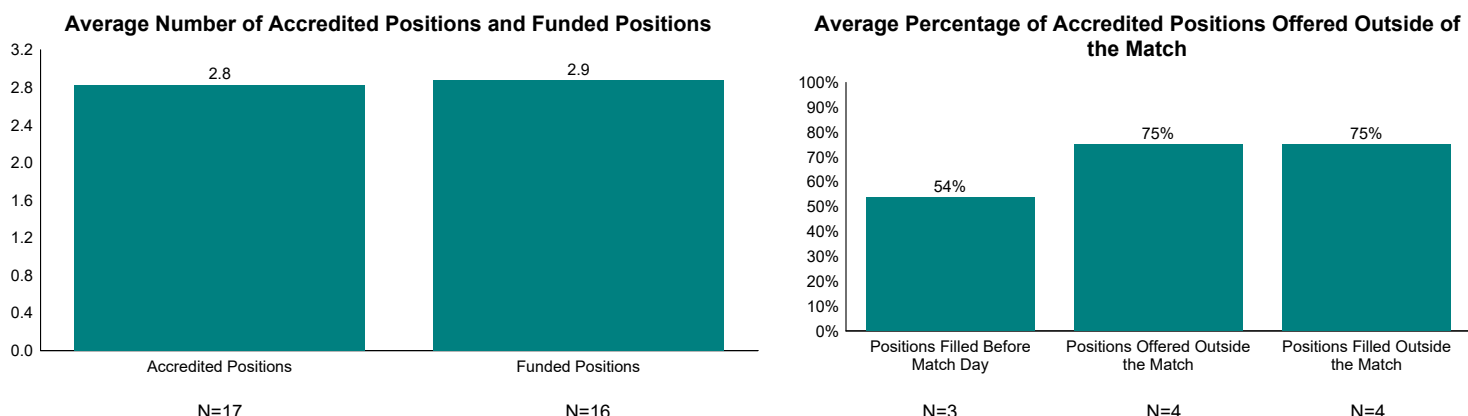
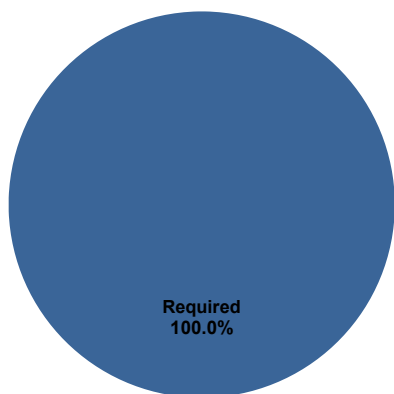


Figure-7

**Pediatric Nephrology
Dedicated Time for Research**

Program Requirement on Dedicated Time for Research
N=17



Average Number of Months if Research Time is Required

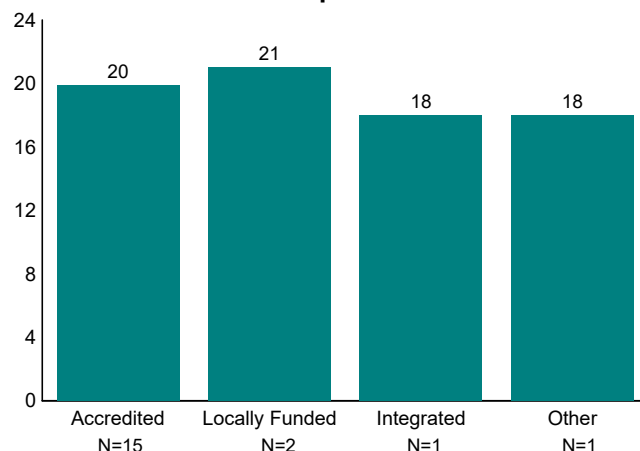
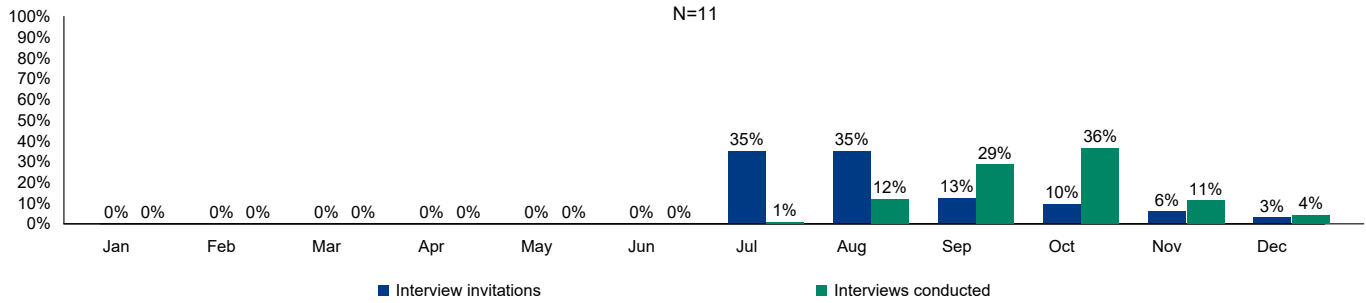


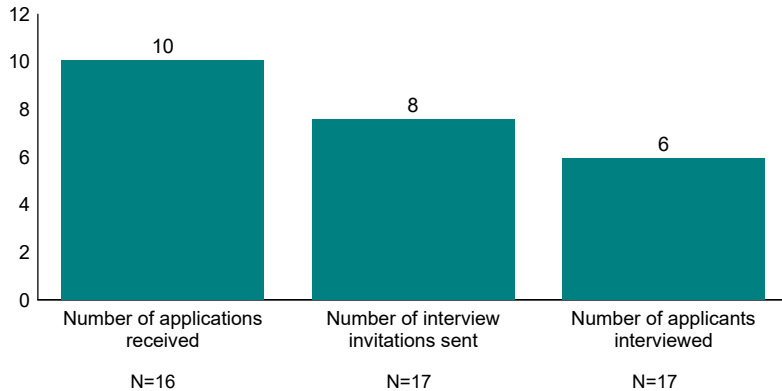
Figure-8

Pediatric Nephrology Program's Interview Activities

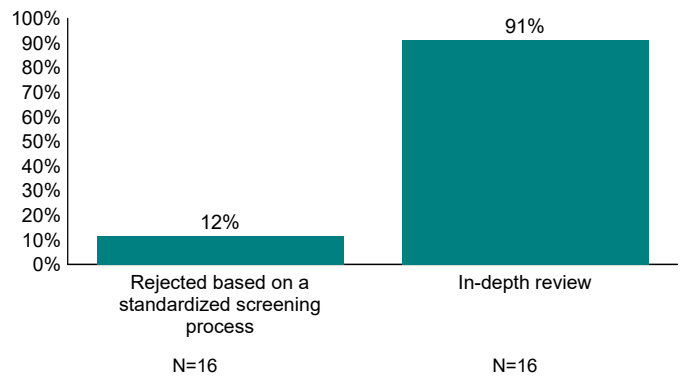
Interview Invitations Sent and Interviews Conducted



Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked

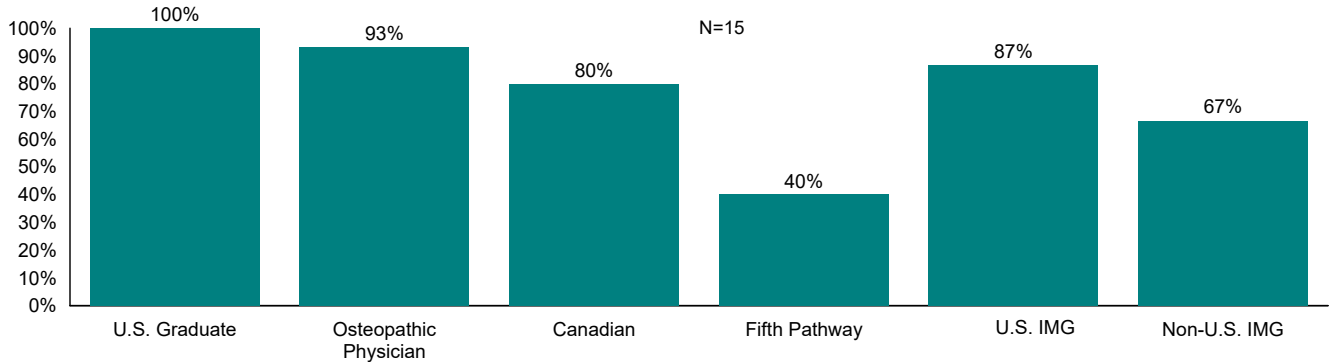


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

40% of Pediatric Nephrology programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

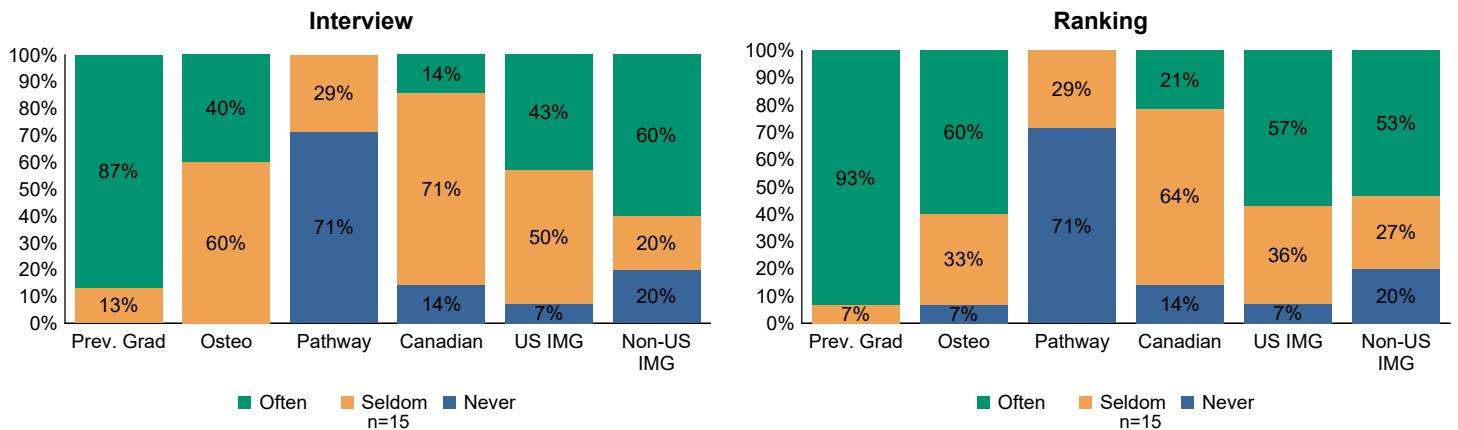


Figure-9

**Pediatric Nephrology
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=15

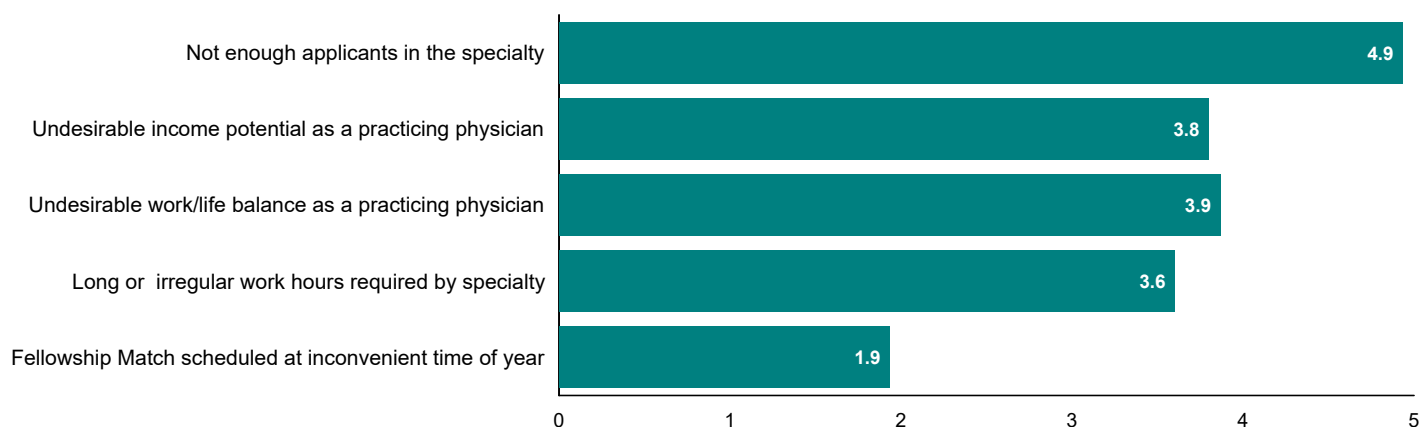


Figure-10

**Pediatric Nephrology
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=15

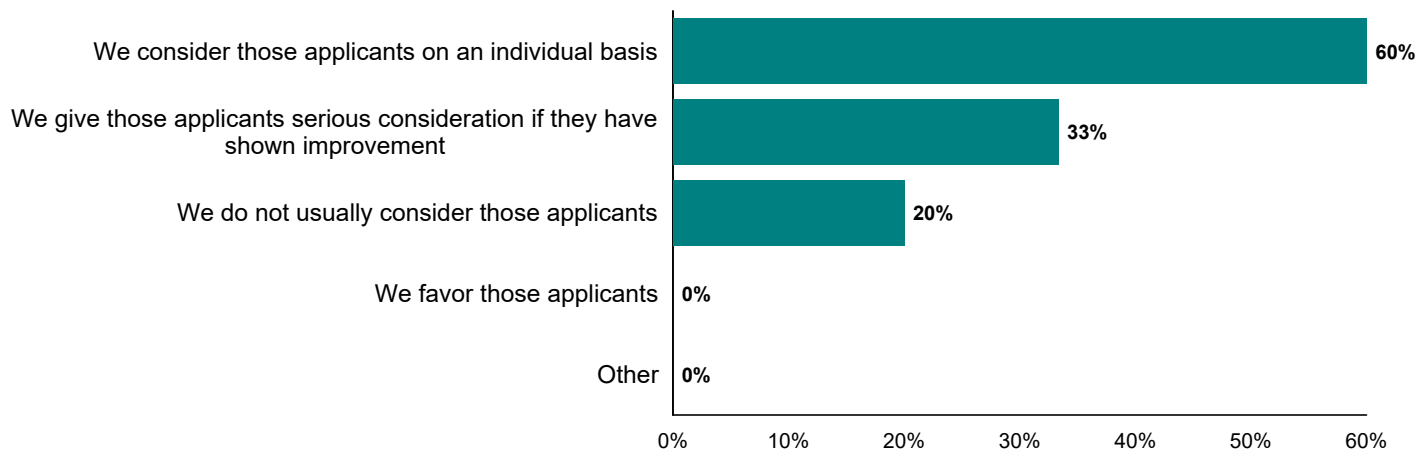
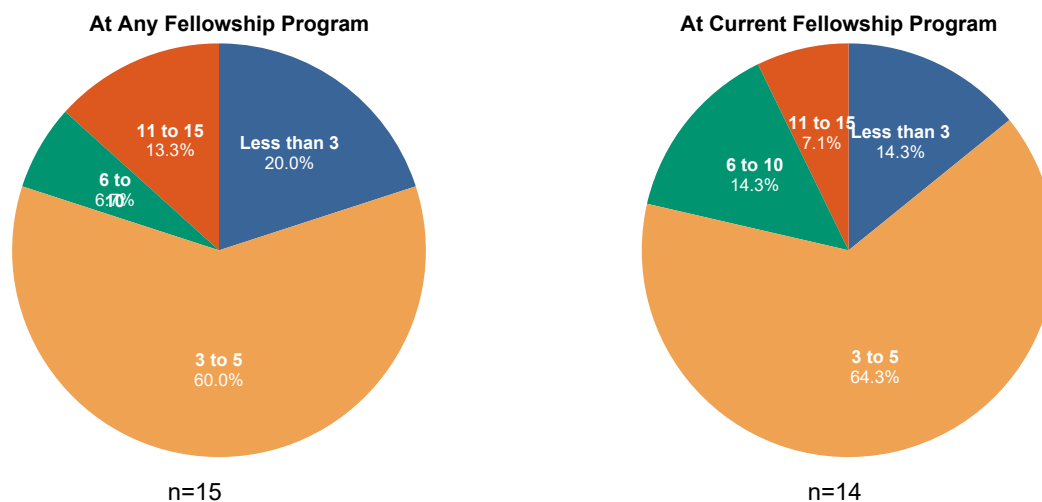


Figure-11

**Pediatric Nephrology
Years as Program Director**





Pediatric Pulmonology

2016 Survey

Number of responses	20
Response rate	43.5%

Match Information*

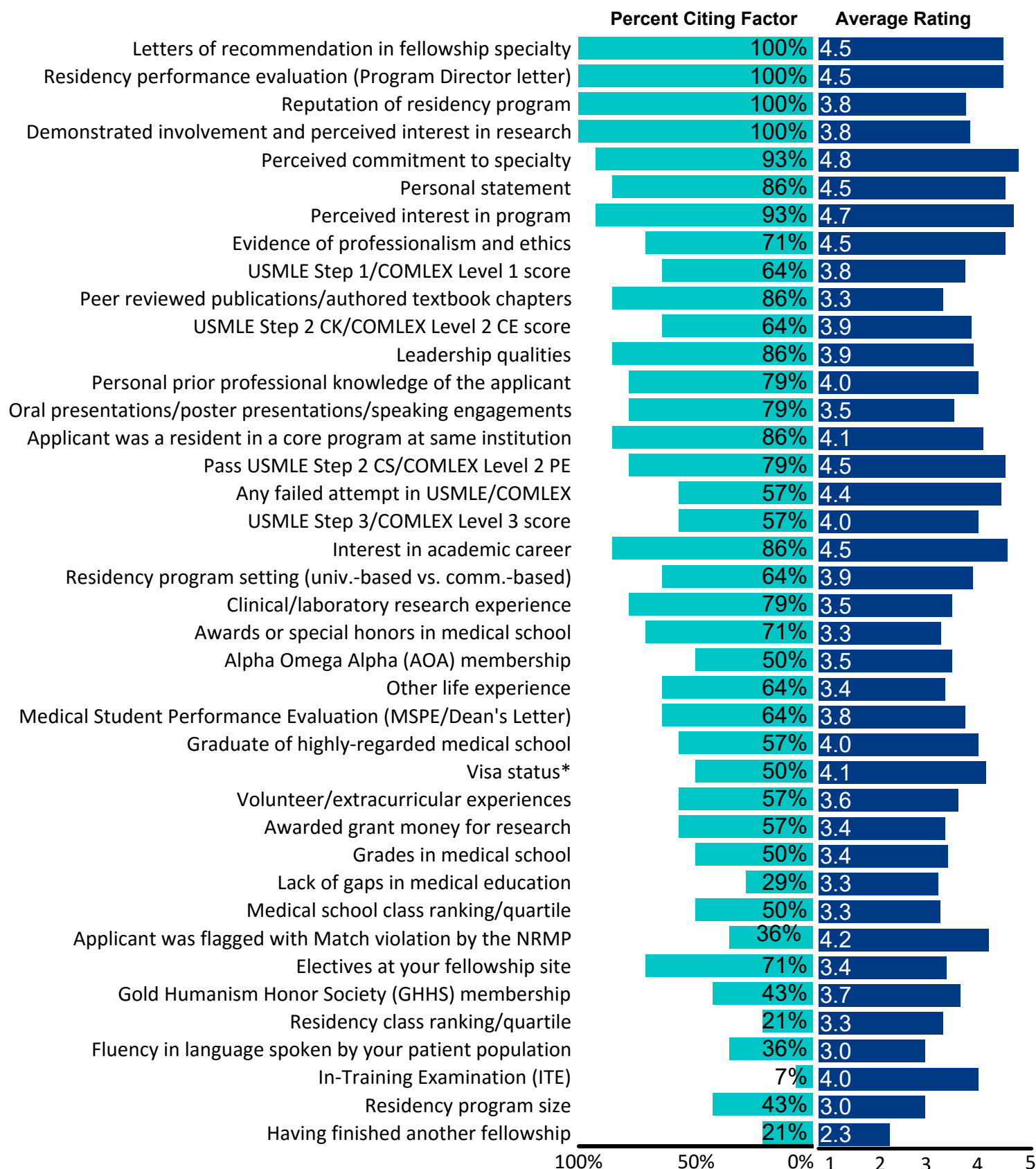
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	47	43	41
Number of positions in the Match	66	61	56
Number of applicants ranking specialty	44	33	32

* Source: NRMP Data Warehouse

Figure-1

Pediatric Pulmonology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=14)



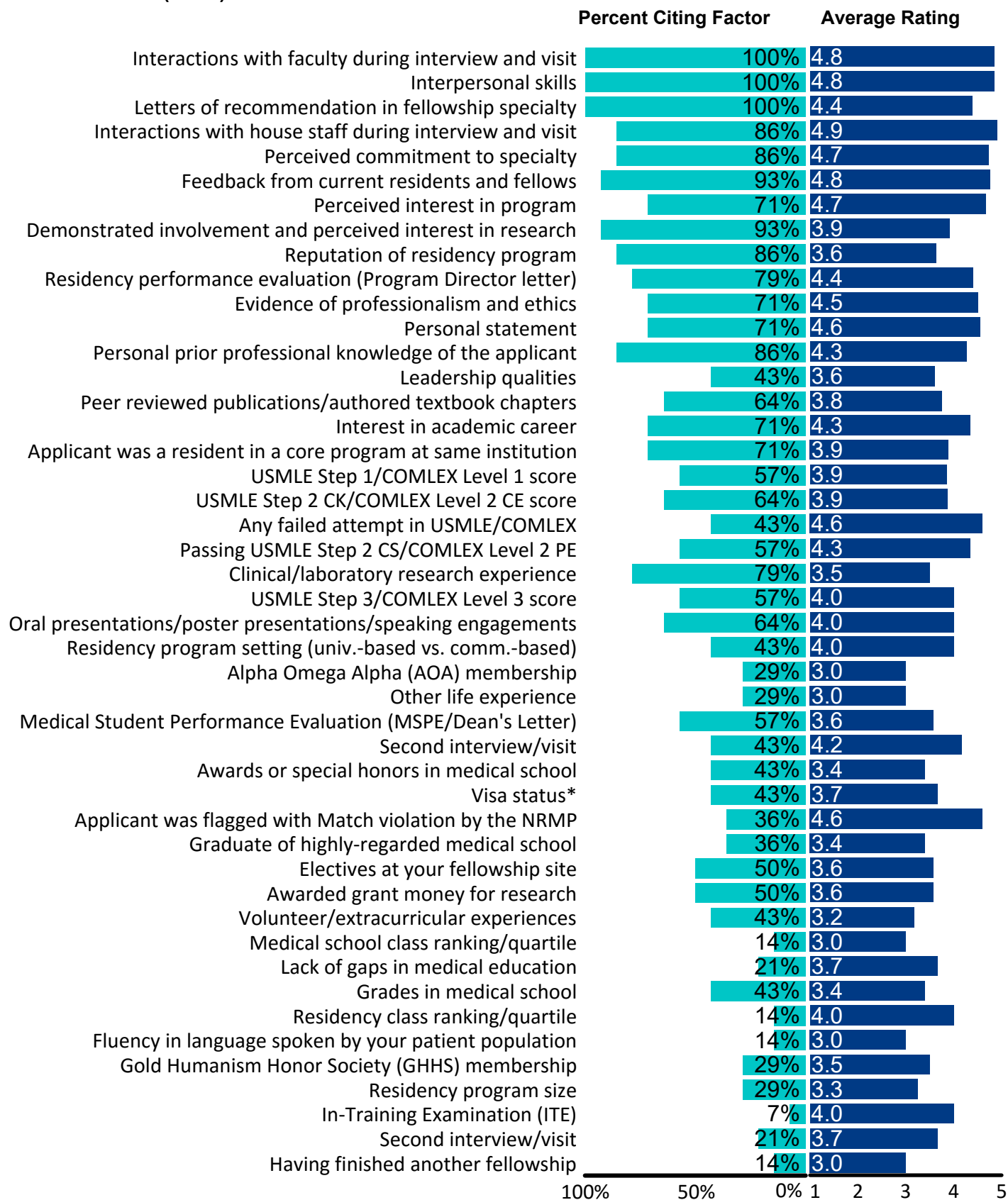
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* International Medical Graduates only

Figure-2

Pediatric Pulmonology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=14)



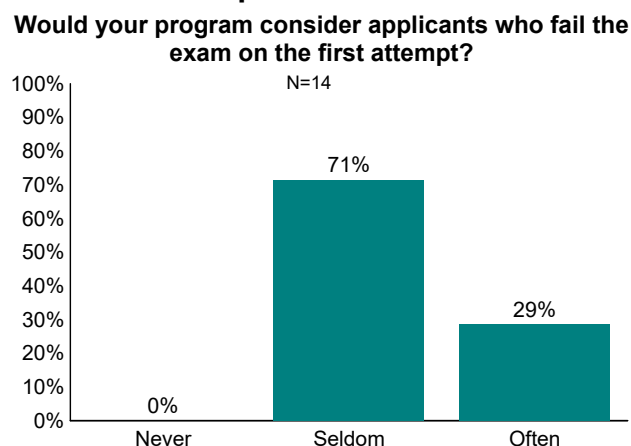
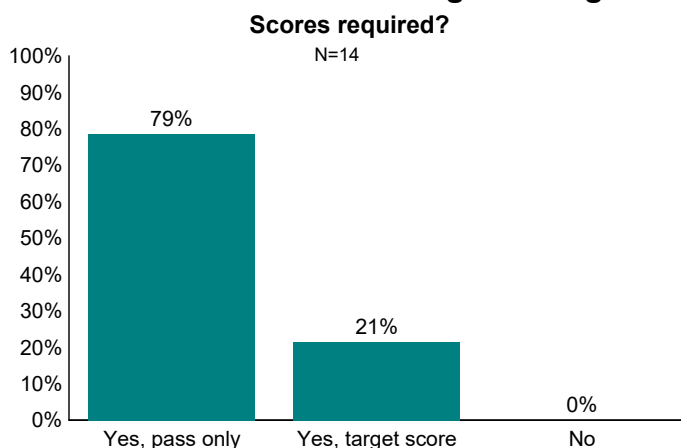
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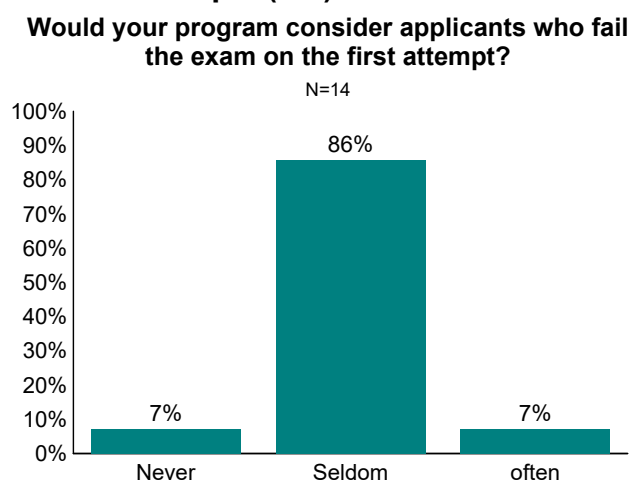
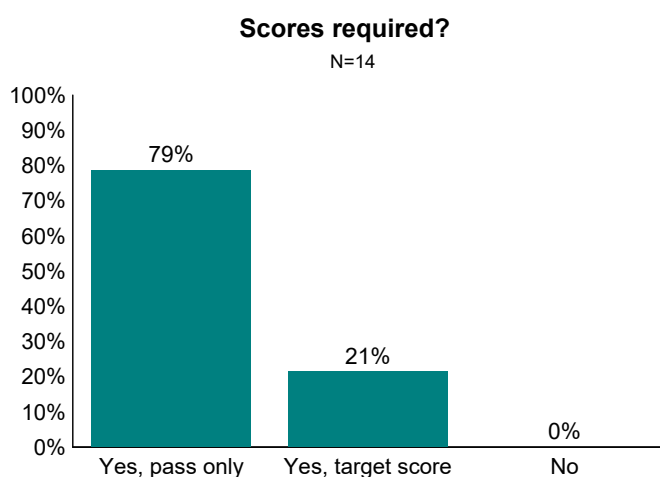
Figure-3

**Pediatric Pulmonology
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
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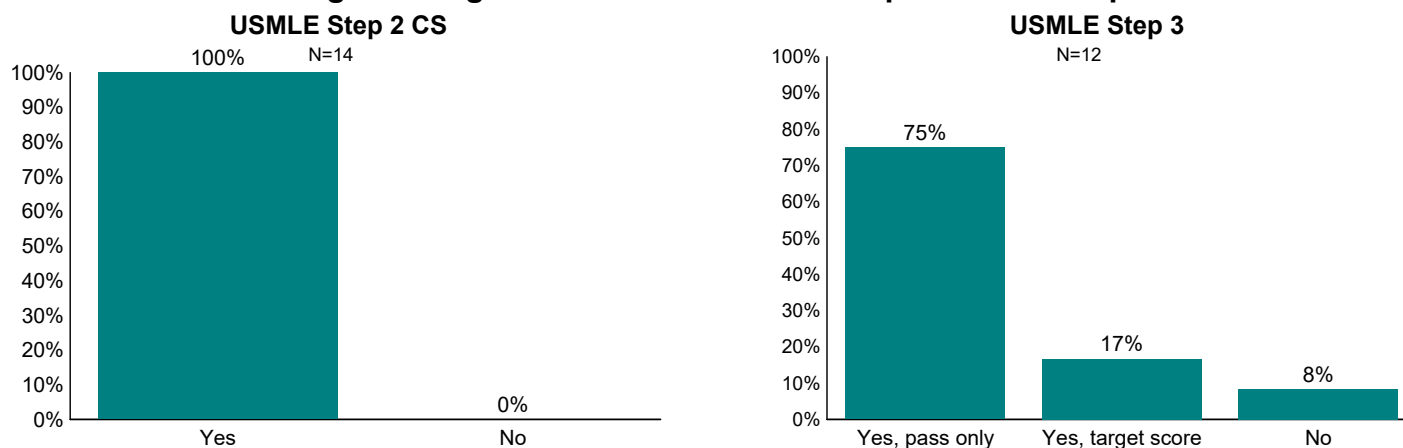
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Figure-4

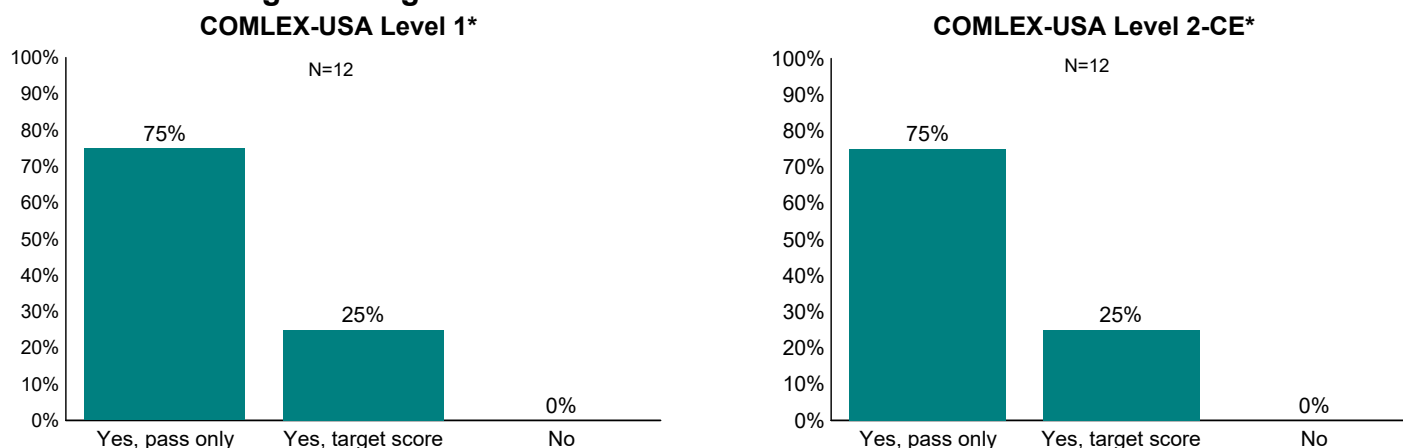
Pediatric Pulmonology

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

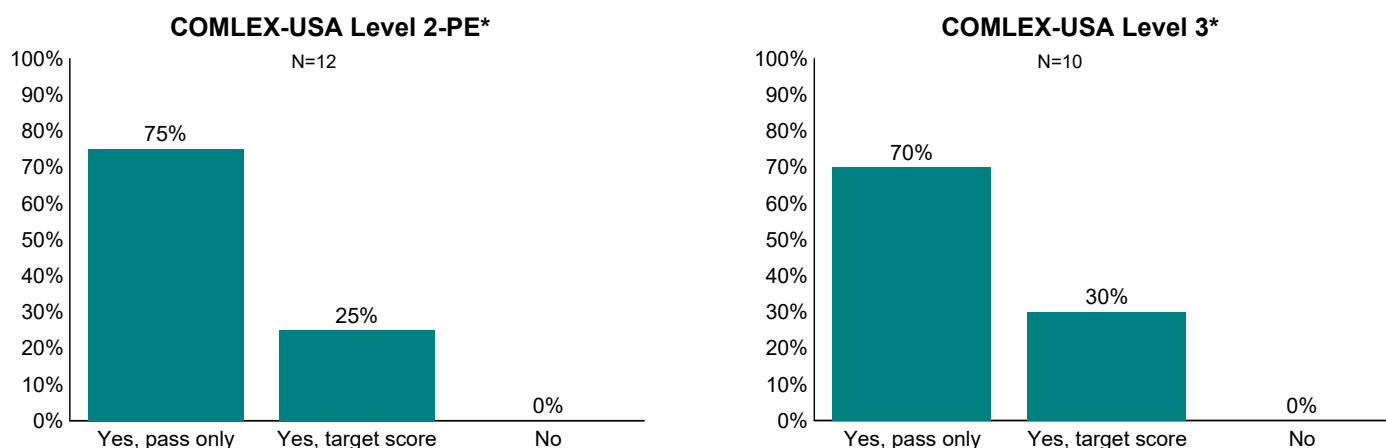
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



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* Osteopathic applicants only

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Pediatric Pulmonology Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

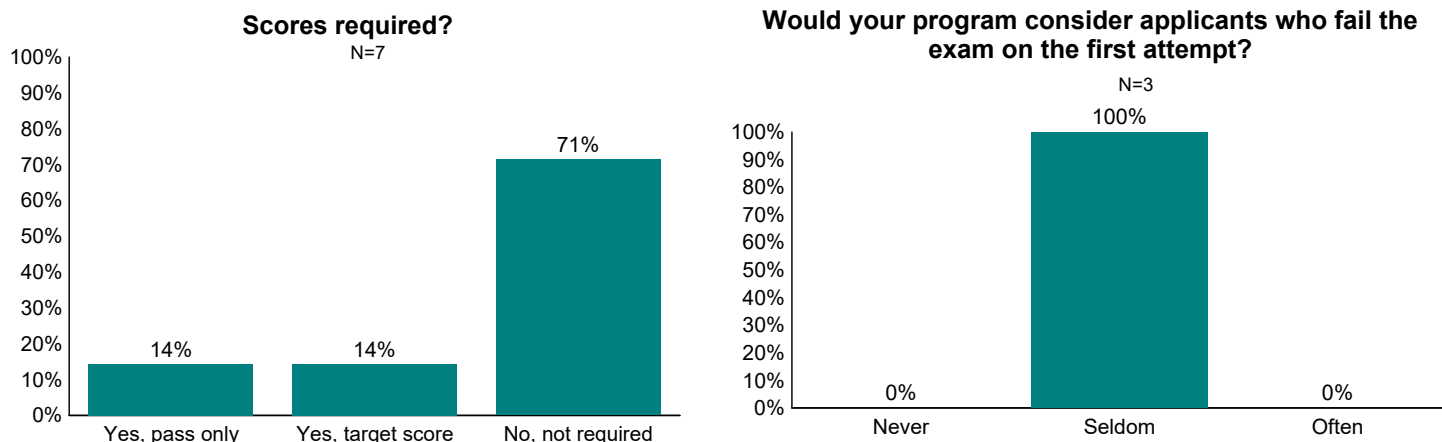


Figure-6

Pediatric Pulmonology Programs Positions

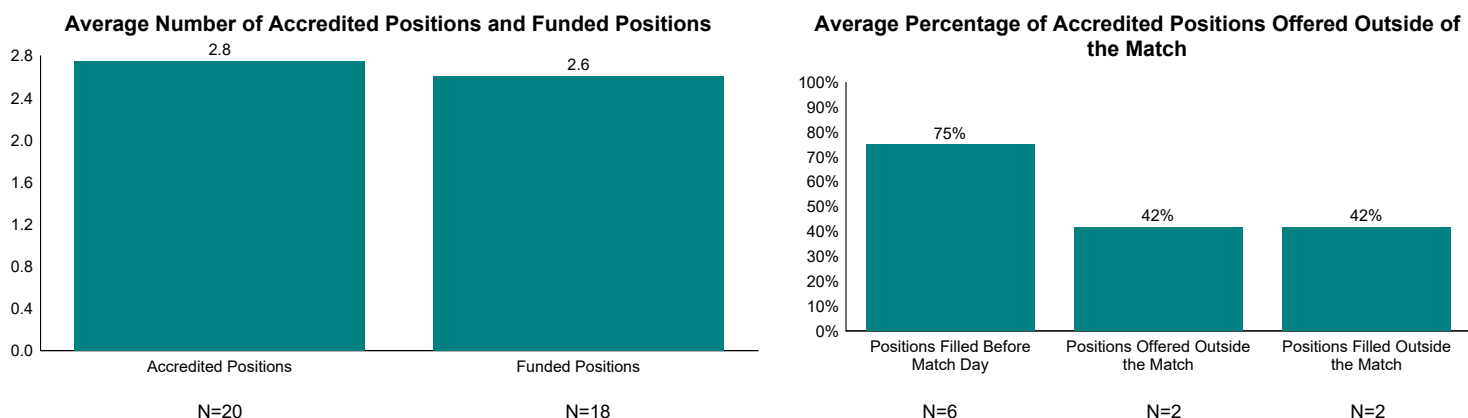
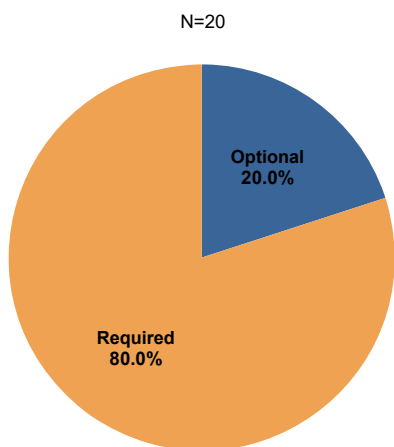


Figure-7

Pediatric Pulmonology Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

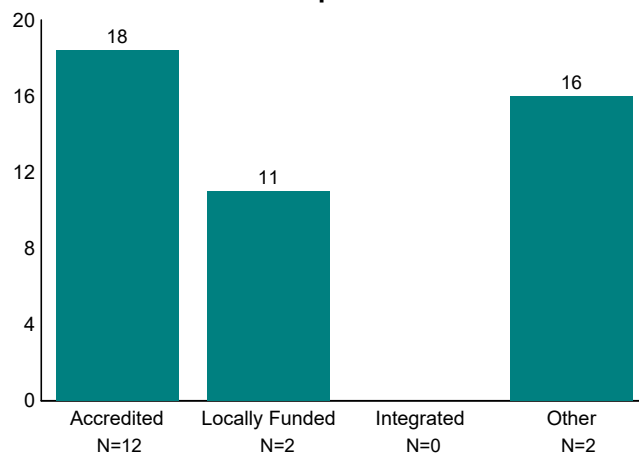
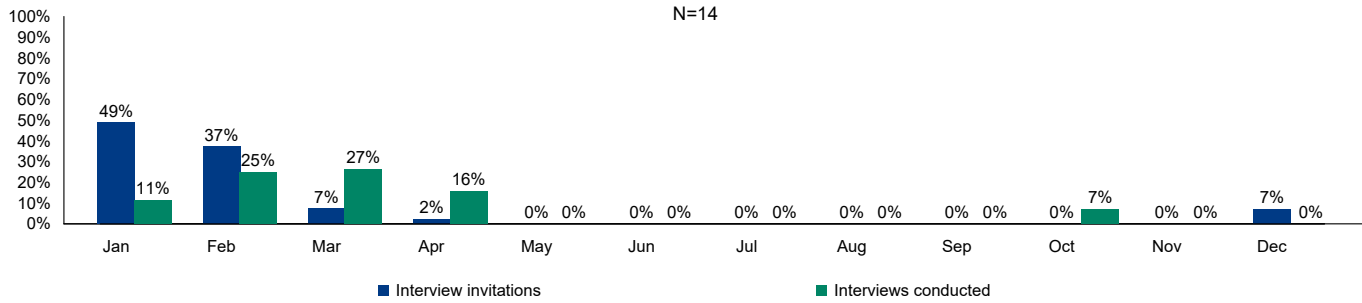


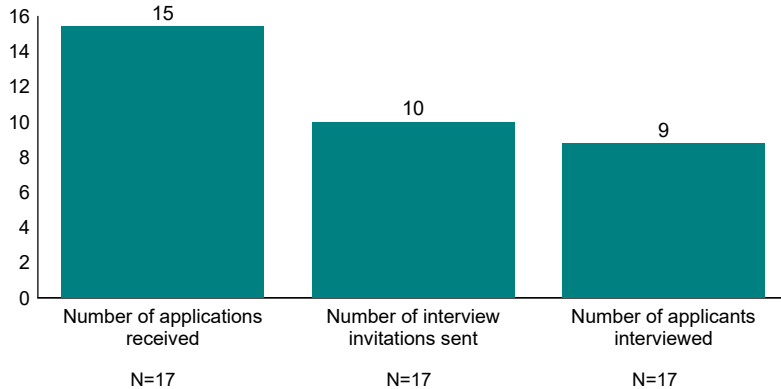
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Pediatric Pulmonology Program's Interview Activities

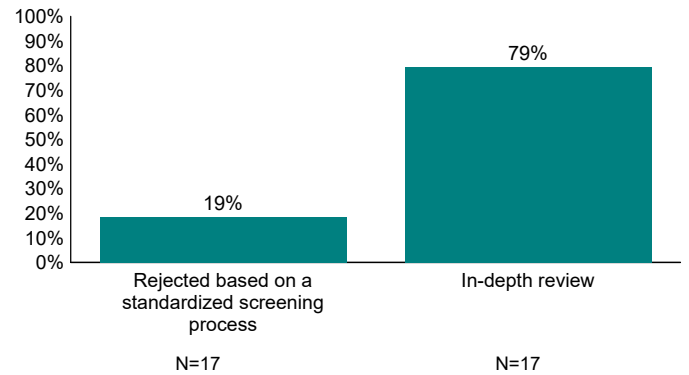
Interview Invitations Sent and Interviews Conducted



Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked

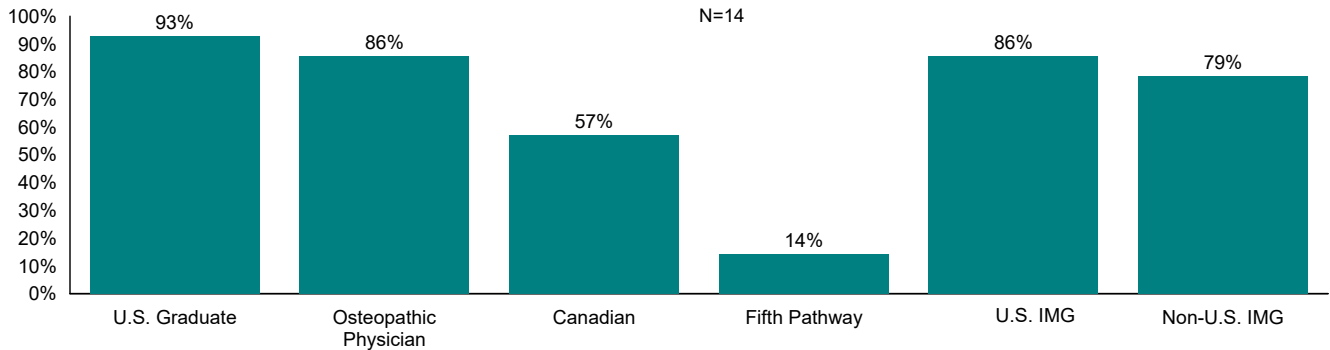


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

14% of Pediatric Pulmonology programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

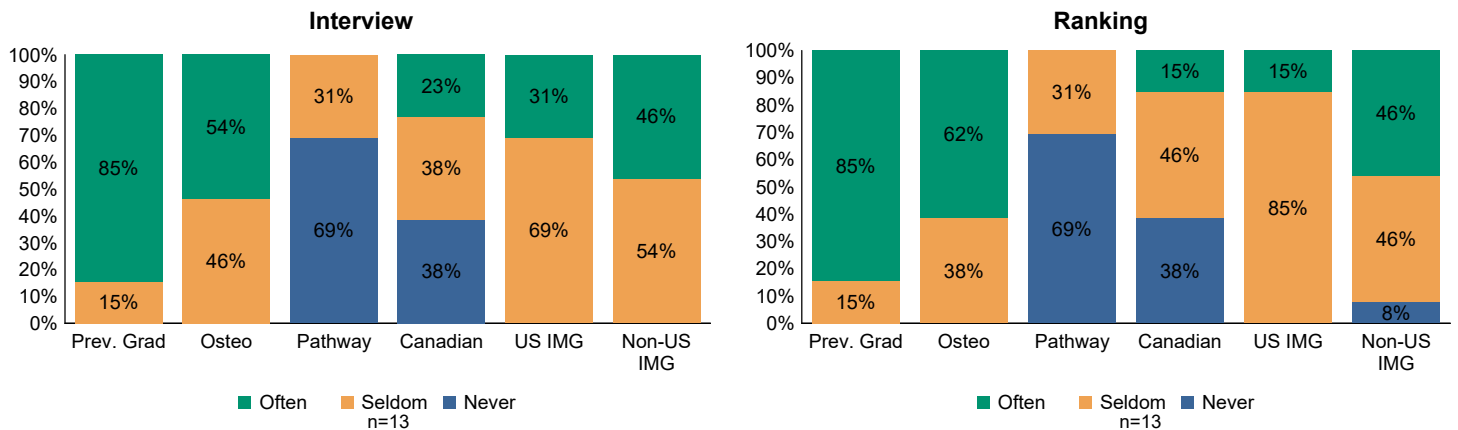


Figure-9

**Pediatric Pulmonology
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=14

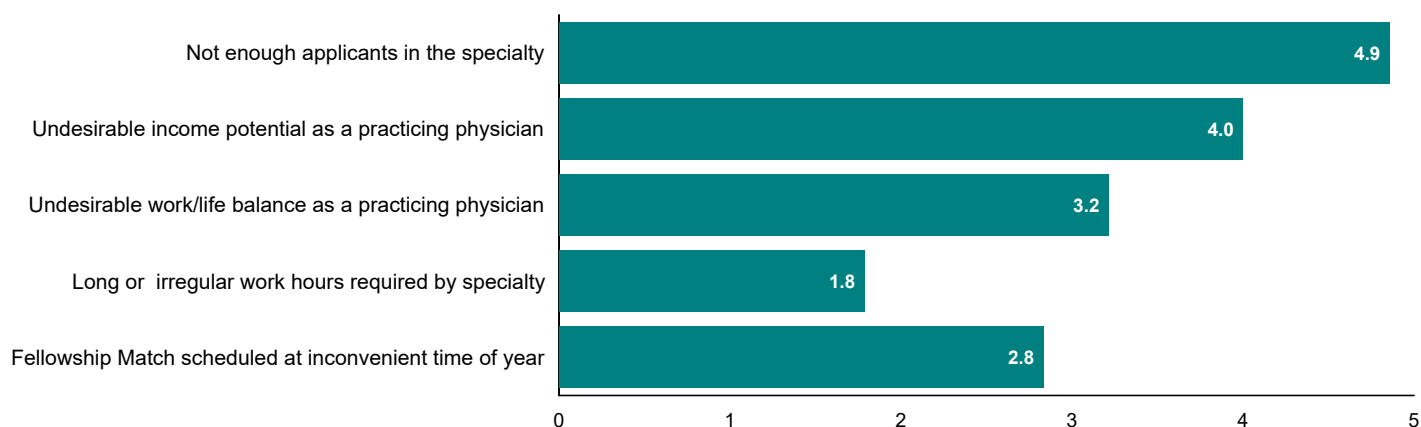


Figure-10

**Pediatric Pulmonology
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=13

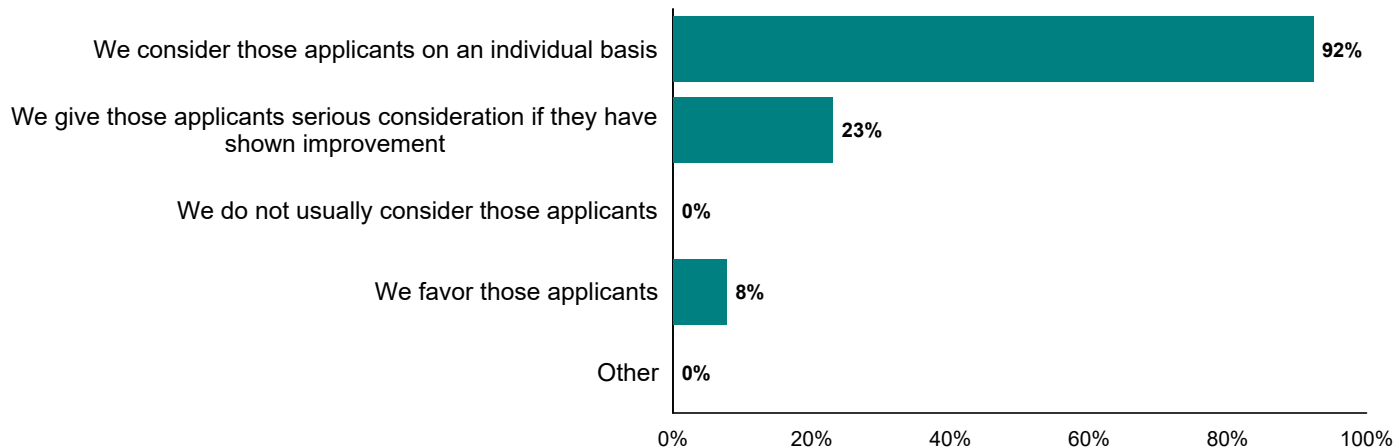
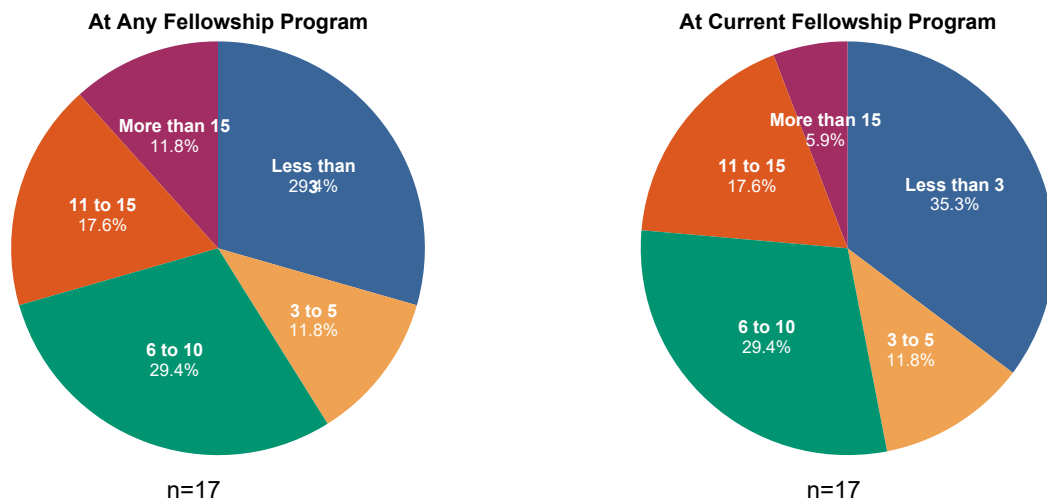


Figure-11

**Pediatric Pulmonology
Years as Program Director**





Pediatric Rheumatology

2016 Survey

Number of responses	10
Response rate	35.7%

Match Information*

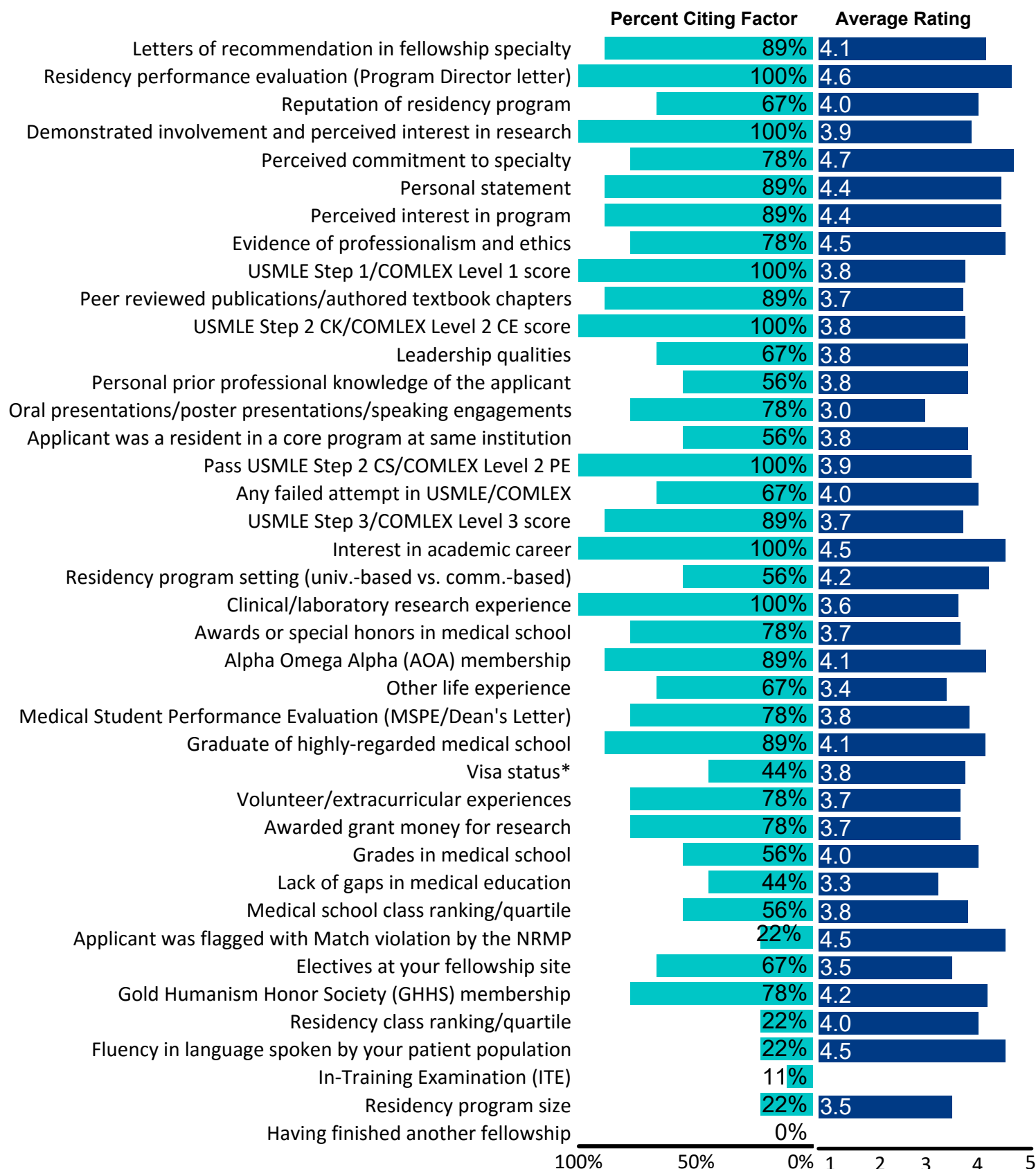
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	28	30	29
Number of positions in the Match	37	40	38
Number of applicants ranking specialty	29	27	30

* Source: NRMP Data Warehouse

Figure-1

Pediatric Rheumatology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=9)



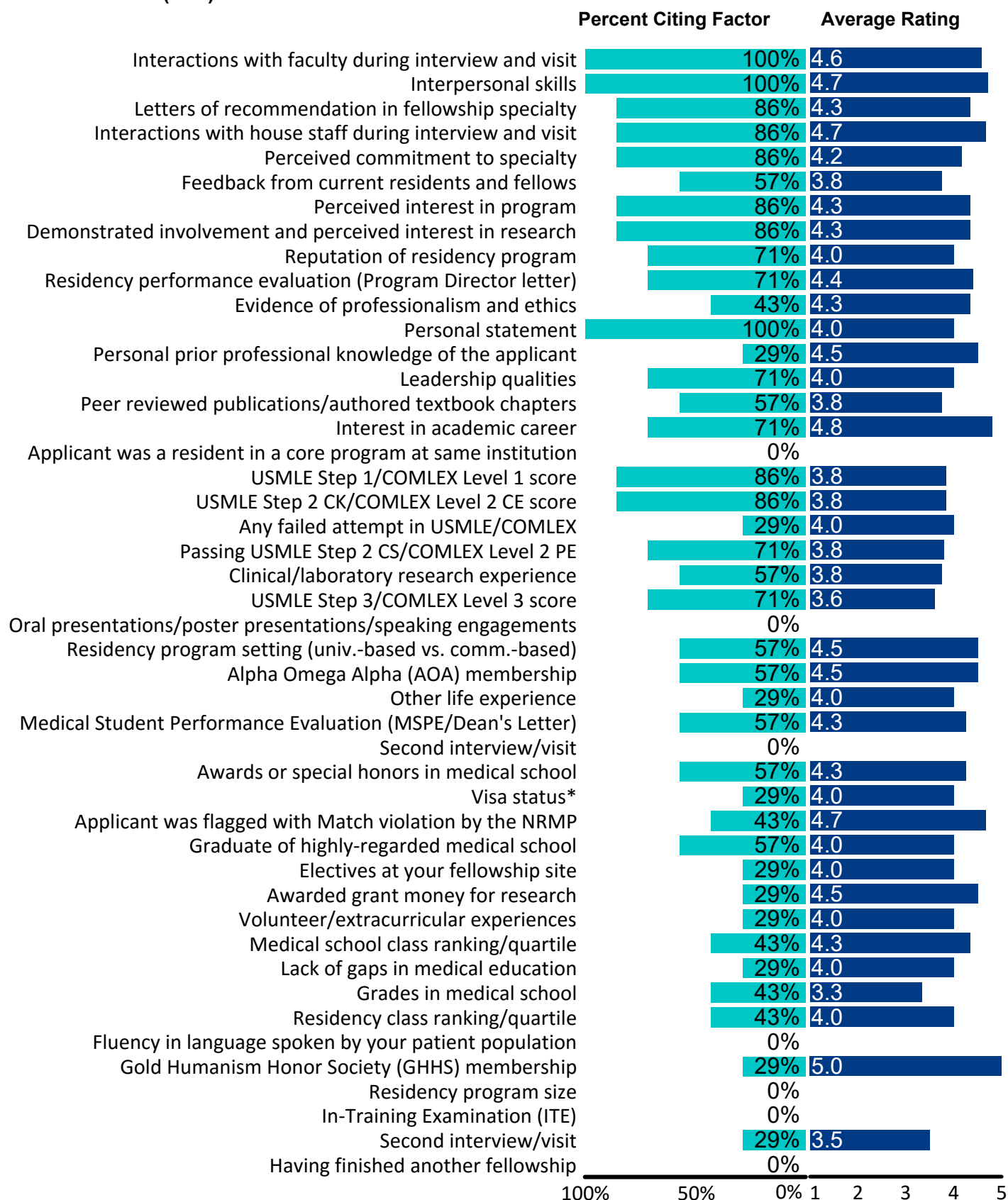
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Pediatric Rheumatology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=9)



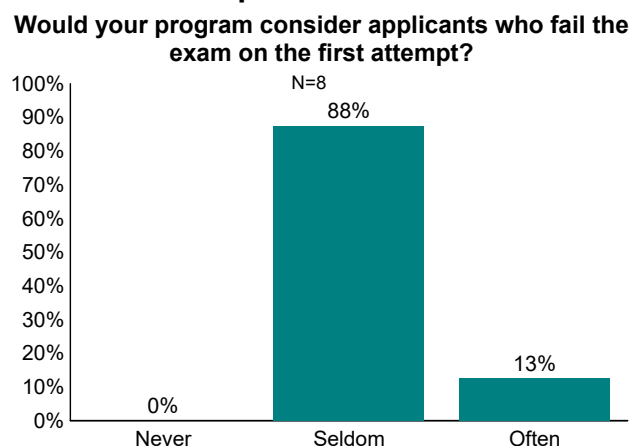
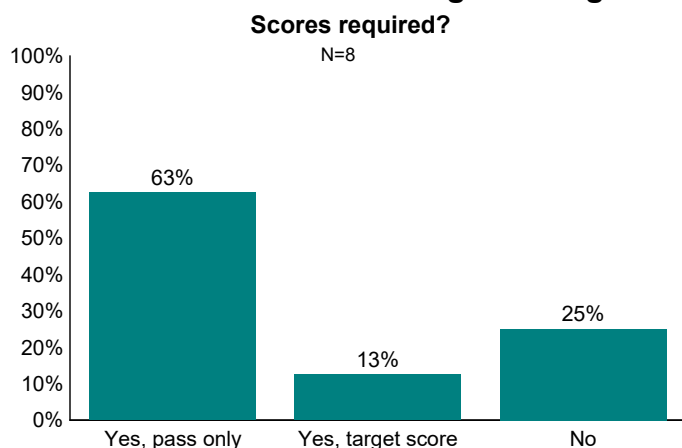
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

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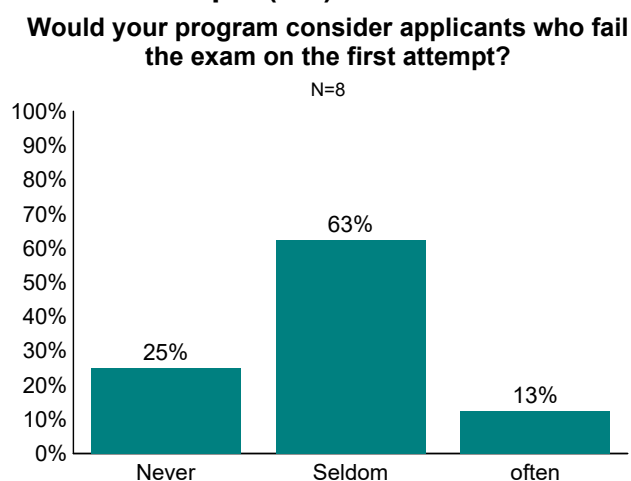
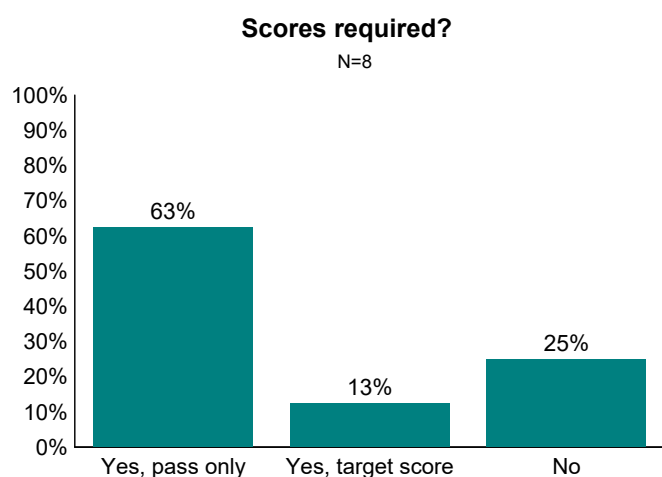
Figure-3

**Pediatric Rheumatology
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**

**Scores Below Which Programs
Generally Do Not Grant Interviews**

USMLE Step 1 not
reported because
of low response
rate

USMLE Step 2 CK
not reported
because of low
response rate

**Scores Above Which Programs
Almost Always Grant Interviews**

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response rate

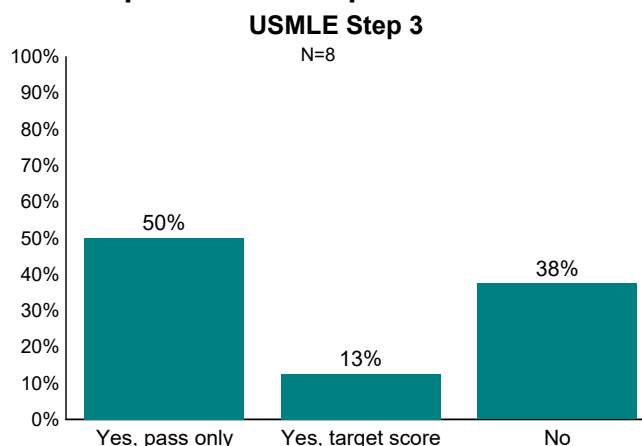
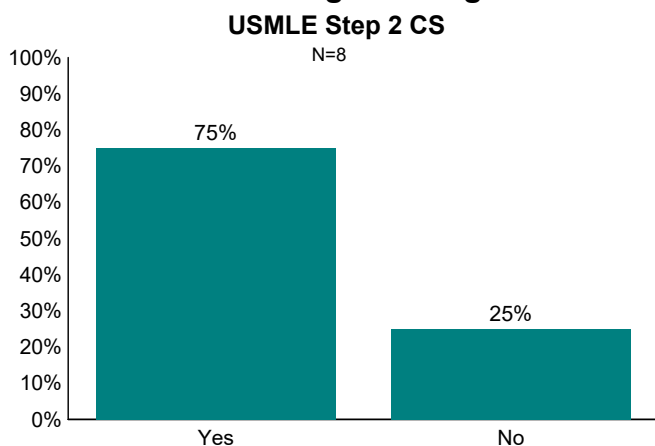
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

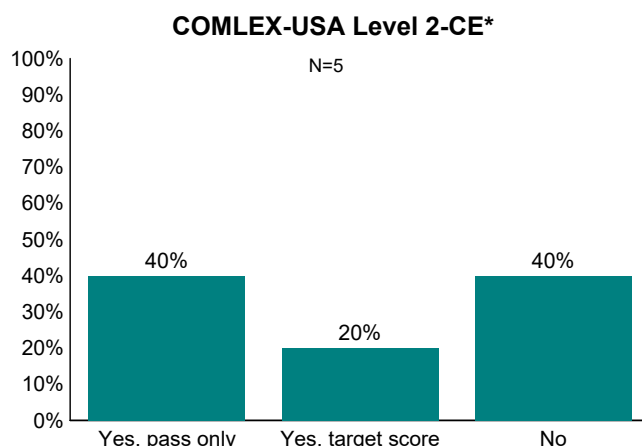
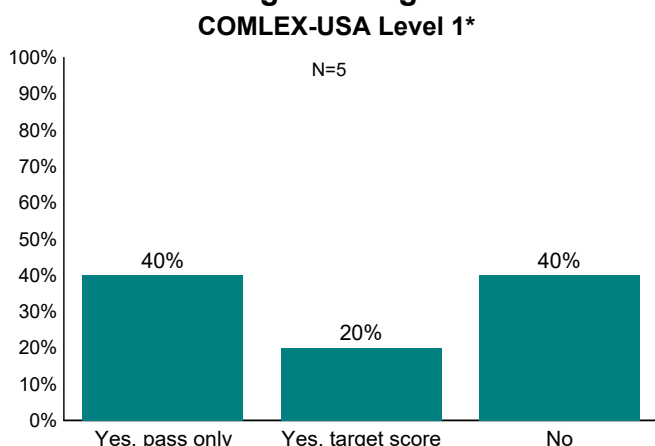
Pediatric Rheumatology

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

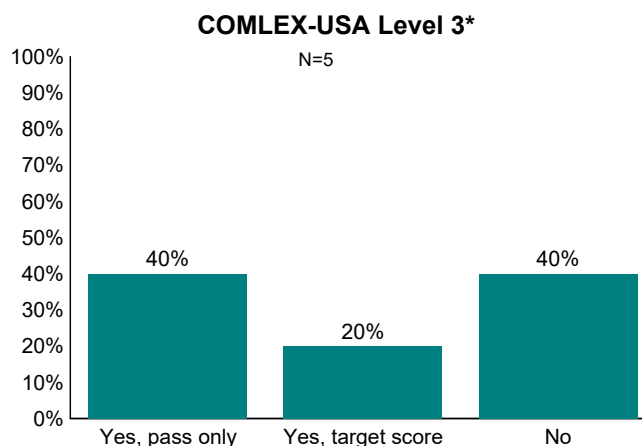
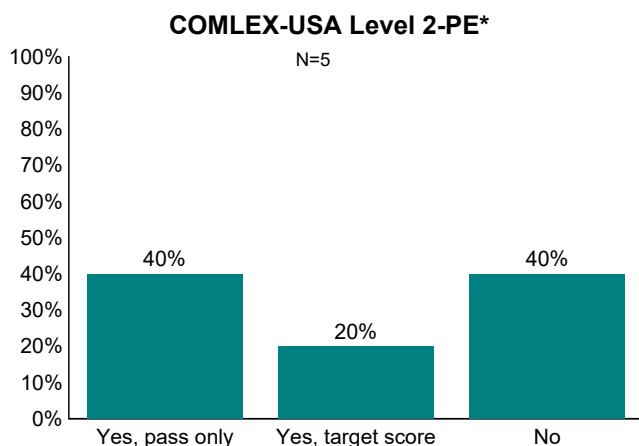
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

**Pediatric Rheumatology
Programs That Use Core Specialty Certifying Examination When Considering
Applicants for Interview**

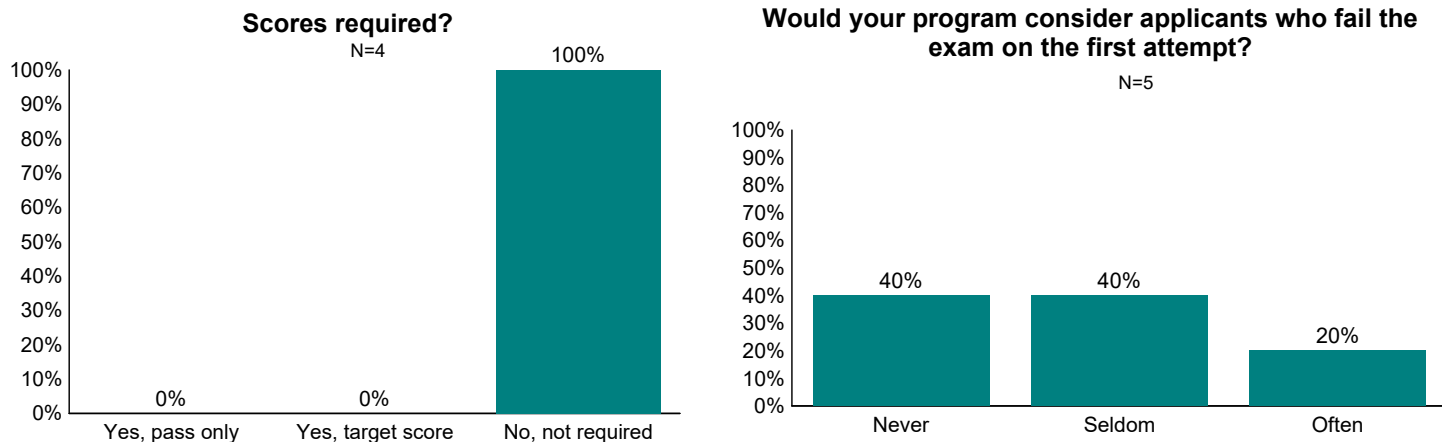


Figure-6

**Pediatric Rheumatology
Programs Positions**

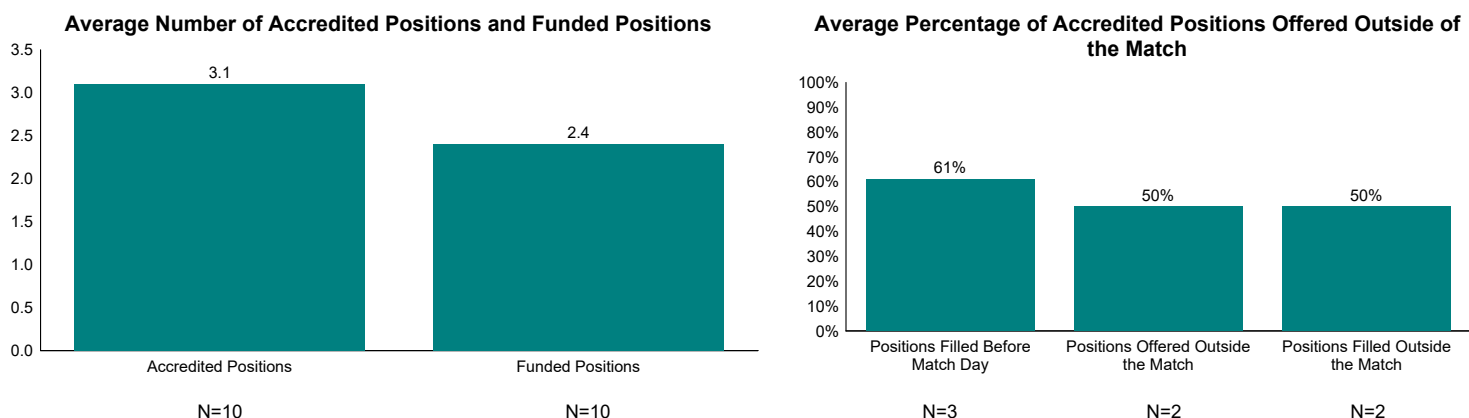
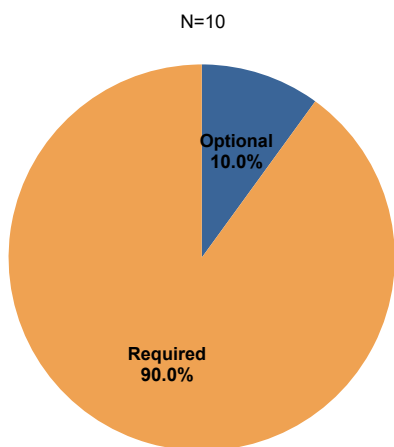


Figure-7

**Pediatric Rheumatology
Dedicated Time for Research**

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

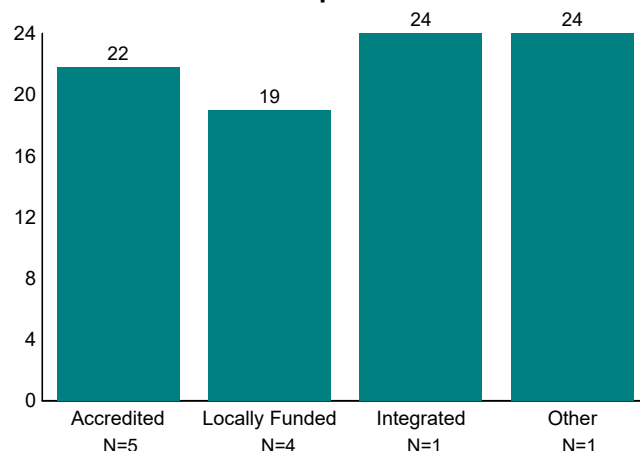
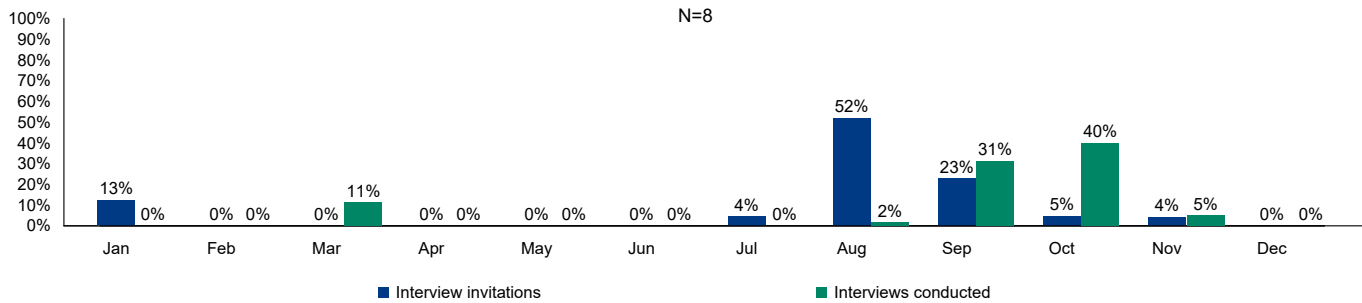


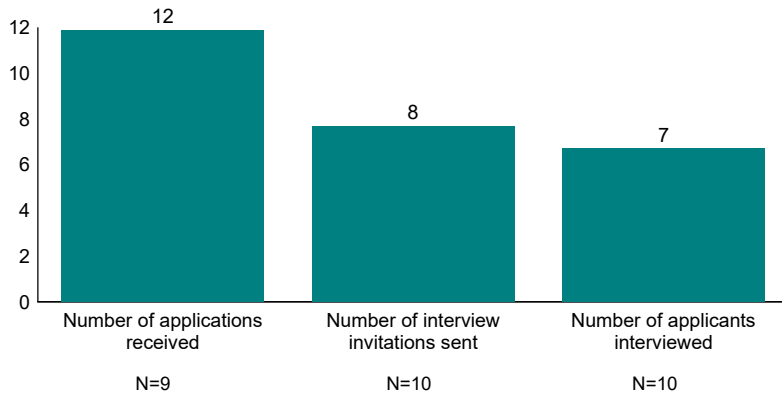
Figure-8

Pediatric Rheumatology Program's Interview Activities

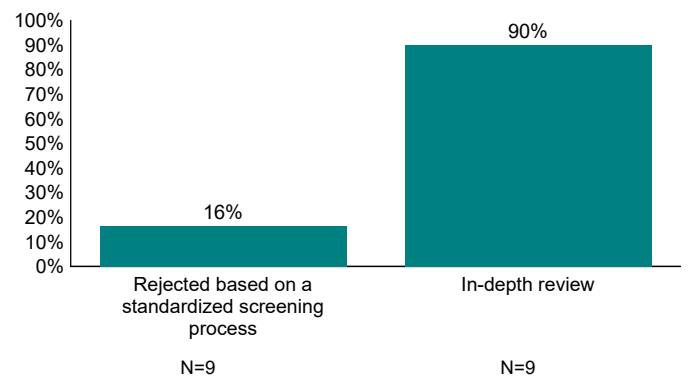
Interview Invitations Sent and Interviews Conducted



Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked

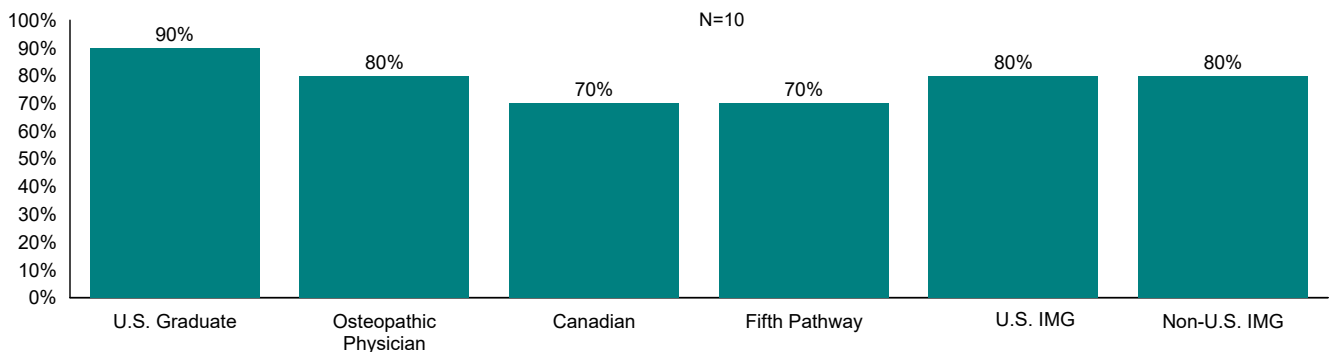


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

60% of Pediatric Rheumatology programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

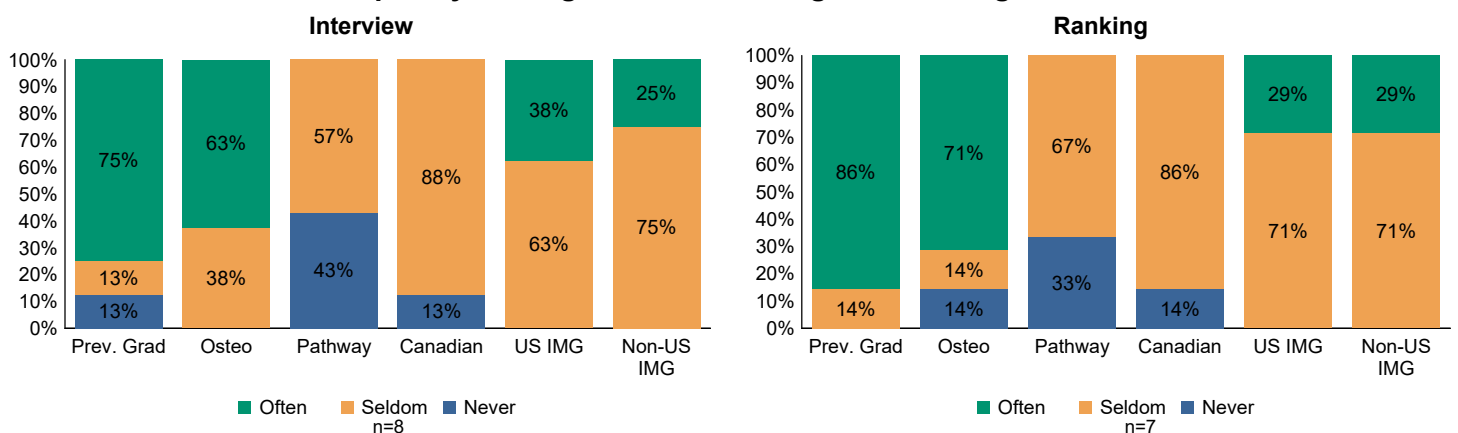


Figure-9

**Pediatric Rheumatology
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=7

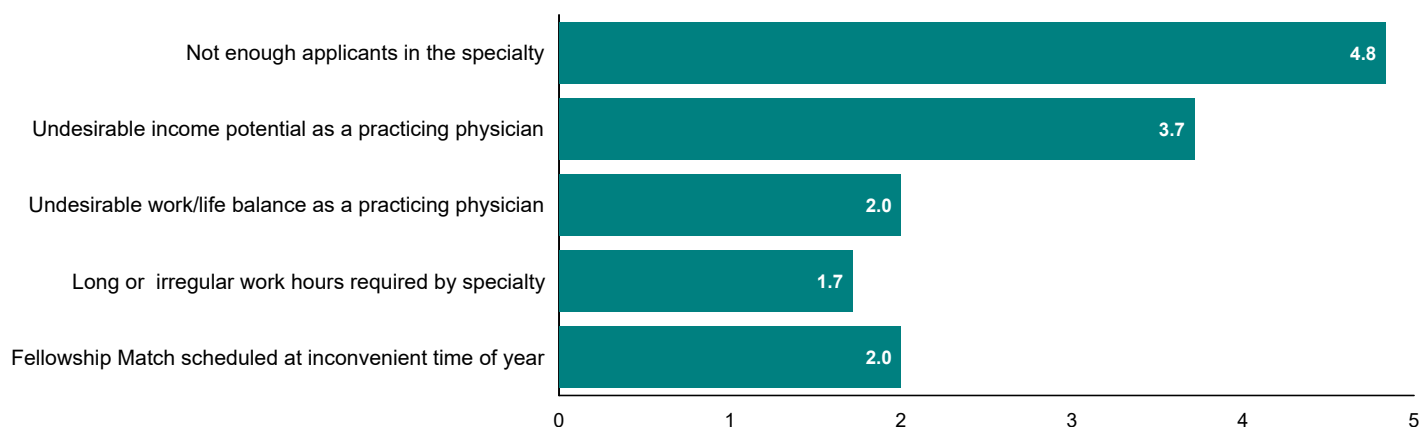


Figure-10

**Pediatric Rheumatology
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=7

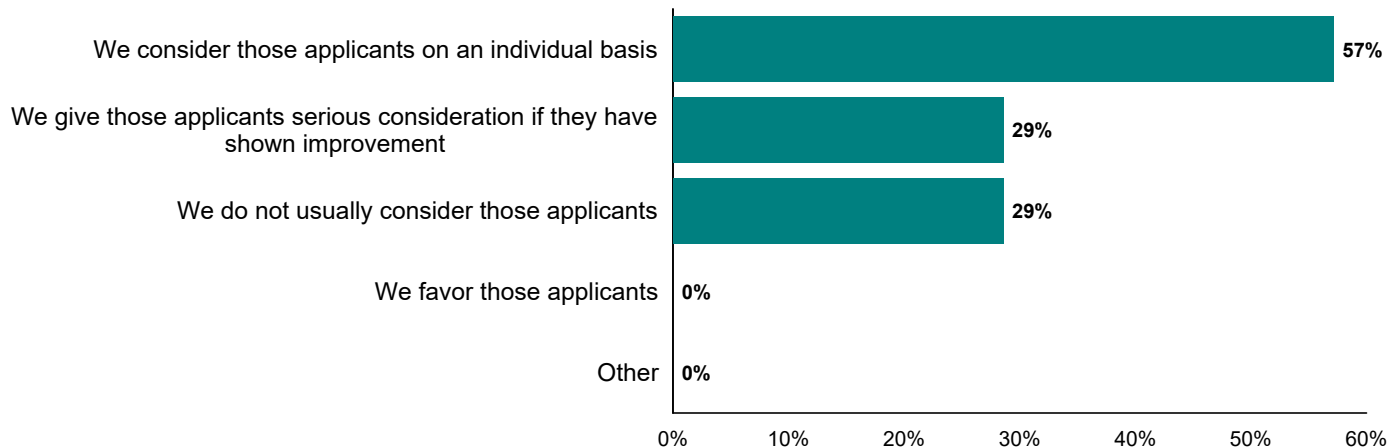
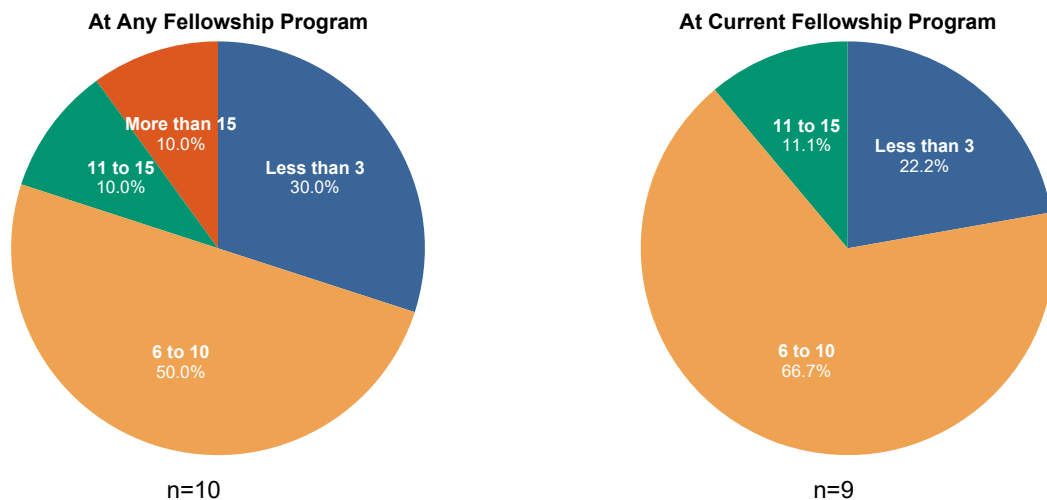


Figure-11

**Pediatric Rheumatology
Years as Program Director**





Pediatric Surgery

2016 Survey

Number of responses	12
Response rate	32.4%

Match Information*

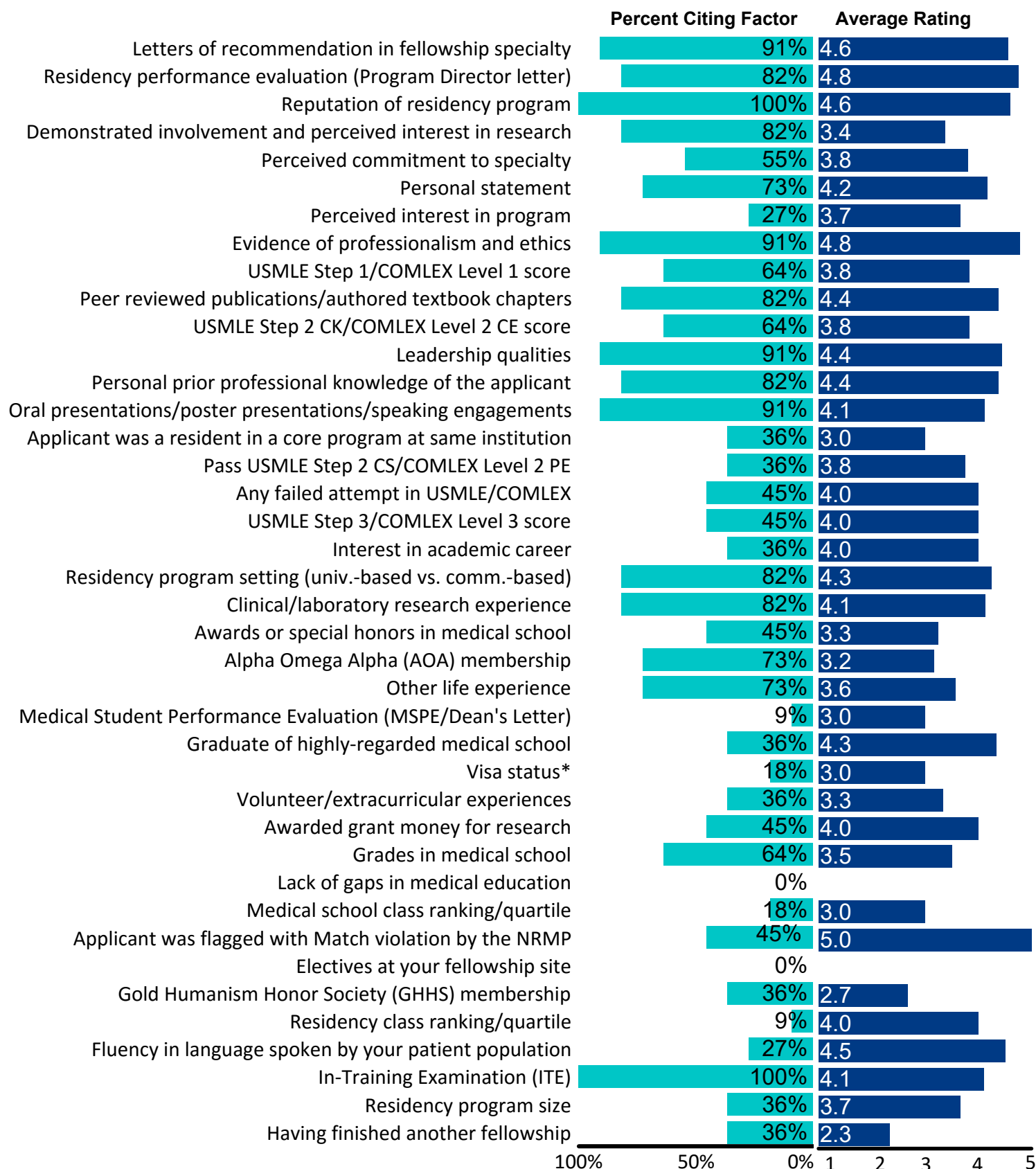
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	38	47	37
Number of positions in the Match	39	48	38
Number of applicants ranking specialty	77	83	71

* Source: NRMP Data Warehouse

Figure-1

Pediatric Surgery

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=11)



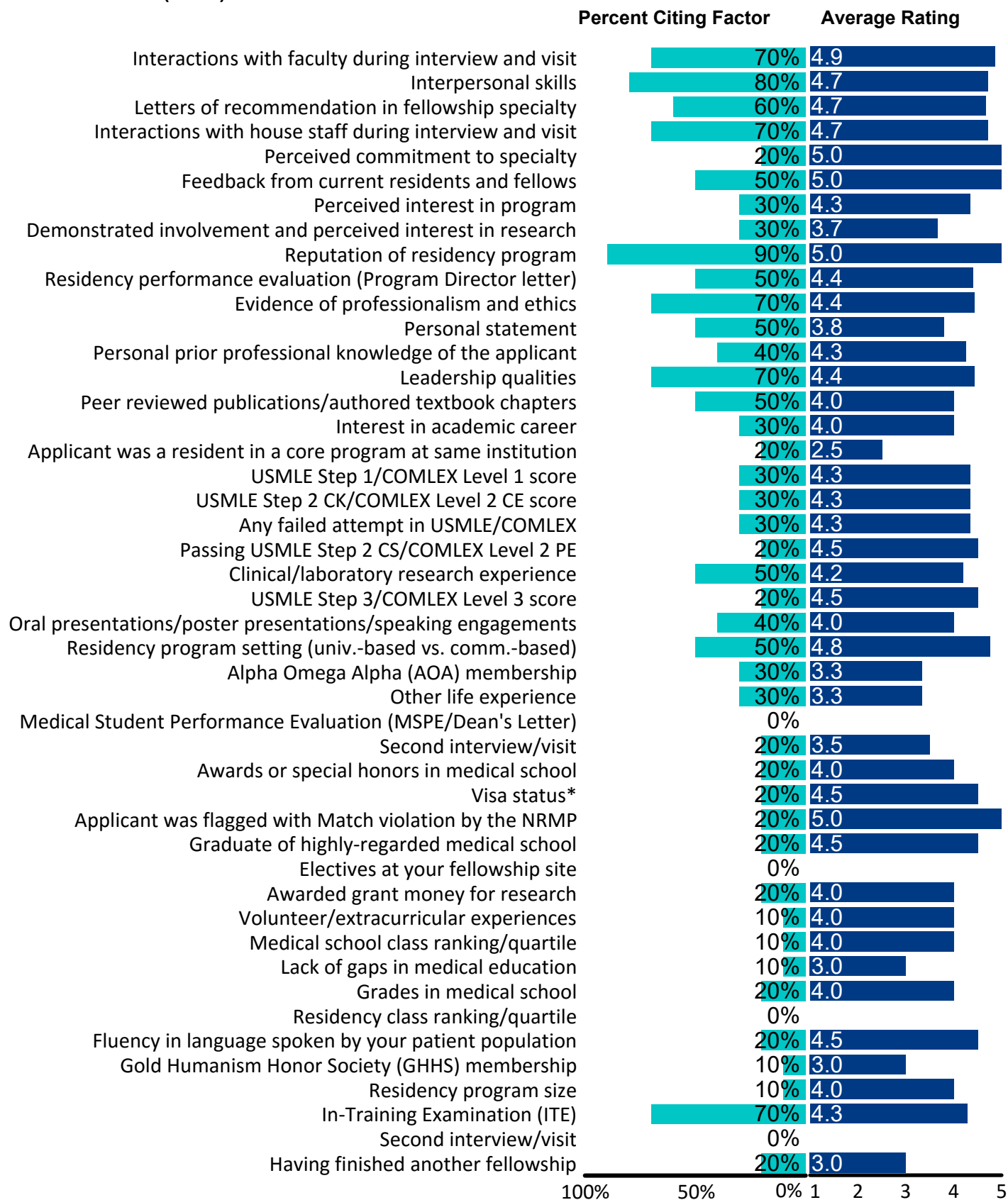
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Pediatric Surgery

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=11)



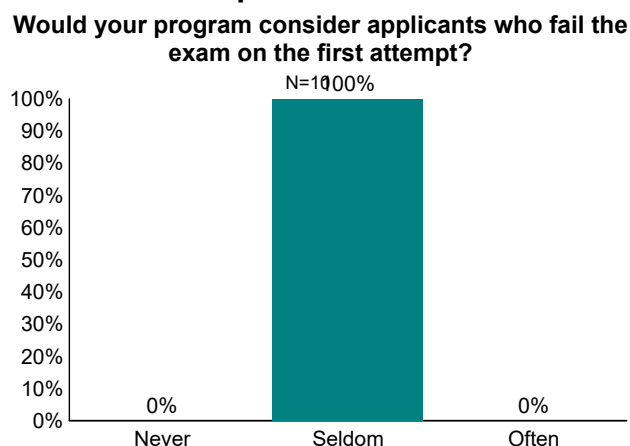
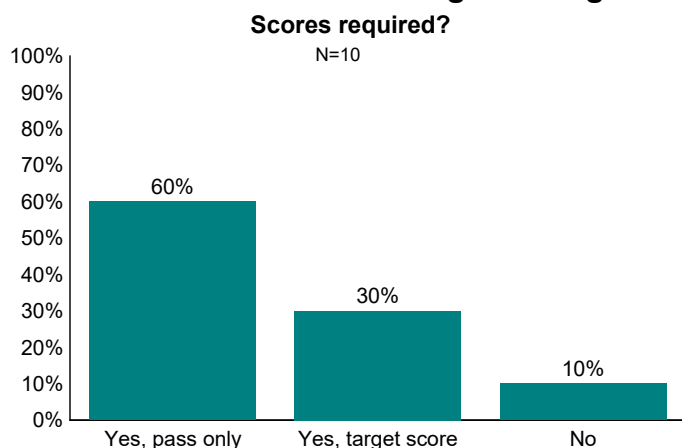
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

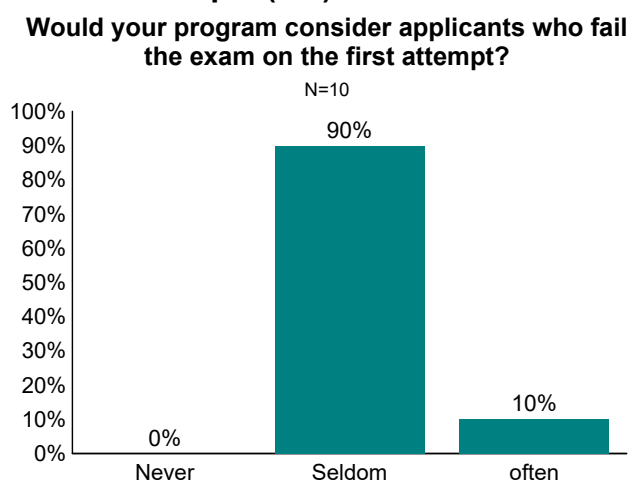
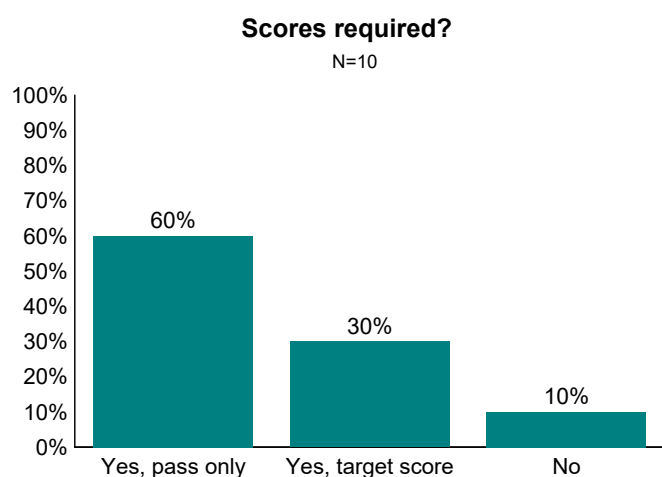
Figure-3

**Pediatric Surgery
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**

**Scores Below Which Programs
Generally Do Not Grant Interviews**

USMLE Step 1 not
reported because
of low response
rate

USMLE Step 2 CK
not reported
because of low
response rate

**Scores Above Which Programs
Almost Always Grant Interviews**

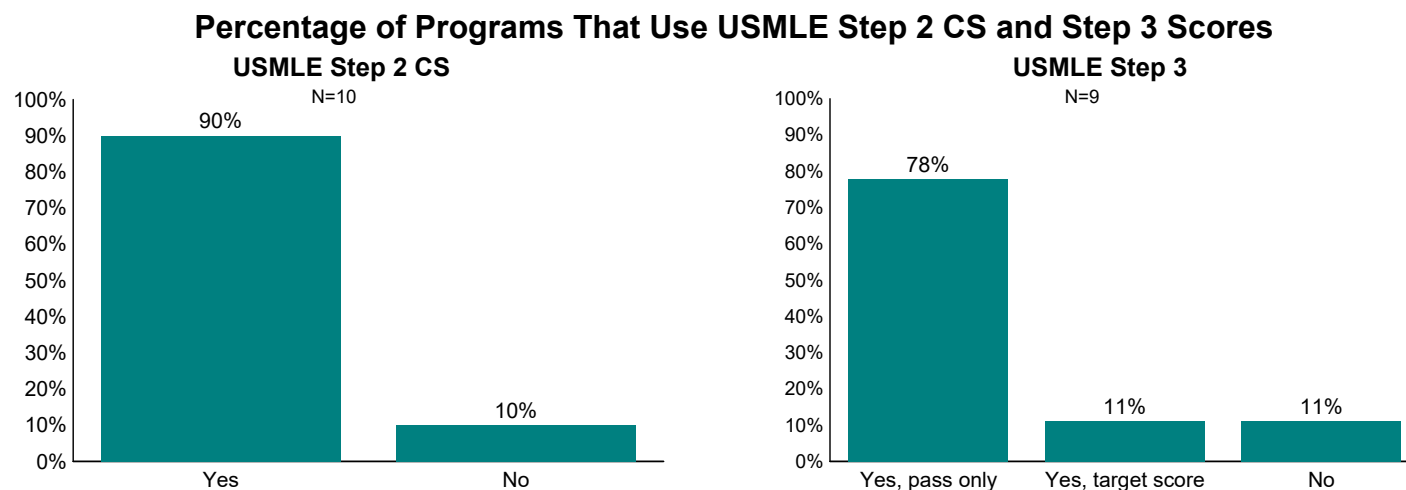
USMLE Step 1 not
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*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

**Pediatric Surgery
Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and
COMLEX-USA Scores* When Considering Which Applicants to Interview**



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores

Not reported because
of low response rate

Not reported because
of low response rate

Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores

Not reported because
of low response rate

Not reported because
of low response rate

* Osteopathic applicants only

Figure-5

**Pediatric Surgery
Programs That Use Core Specialty Certifying Examination When Considering
Applicants for Interview**

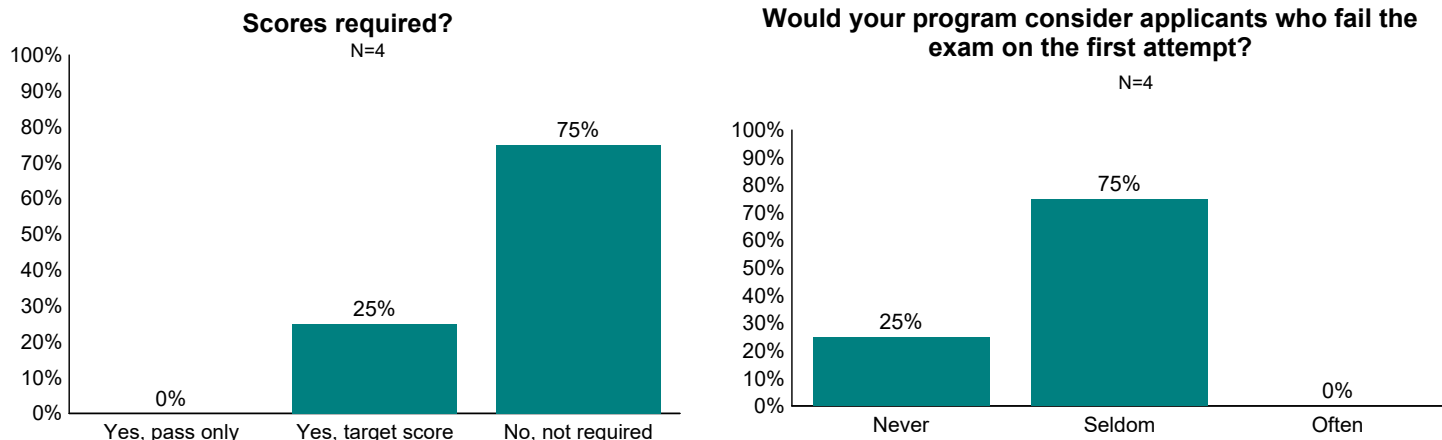


Figure-6

**Pediatric Surgery
Programs Positions**

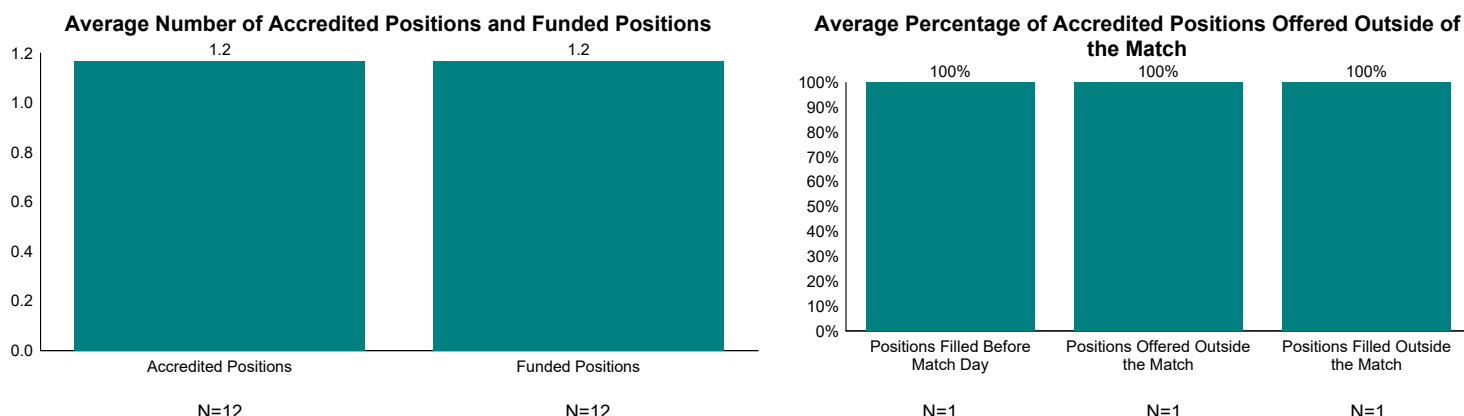
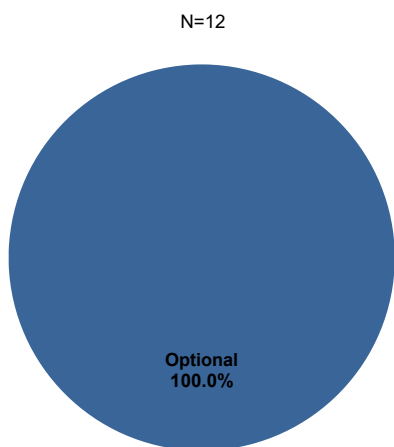


Figure-7

**Pediatric Surgery
Dedicated Time for Research**

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

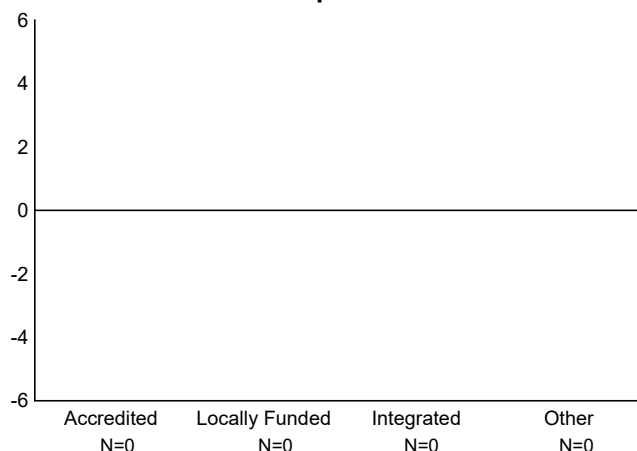
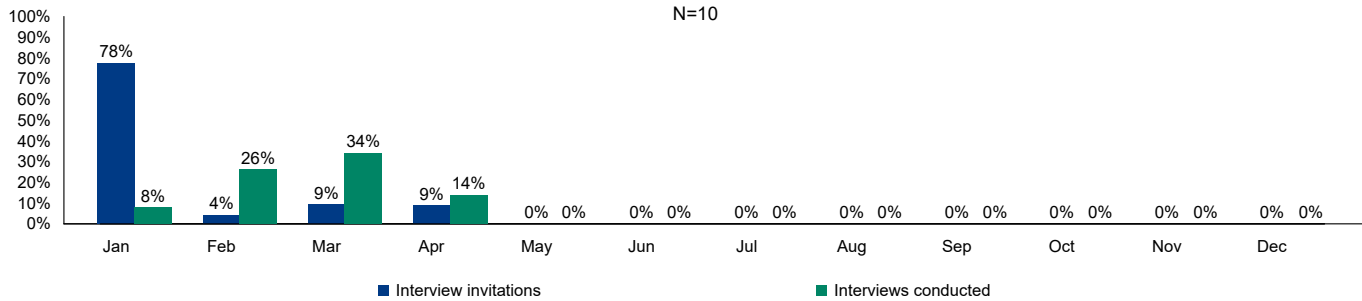


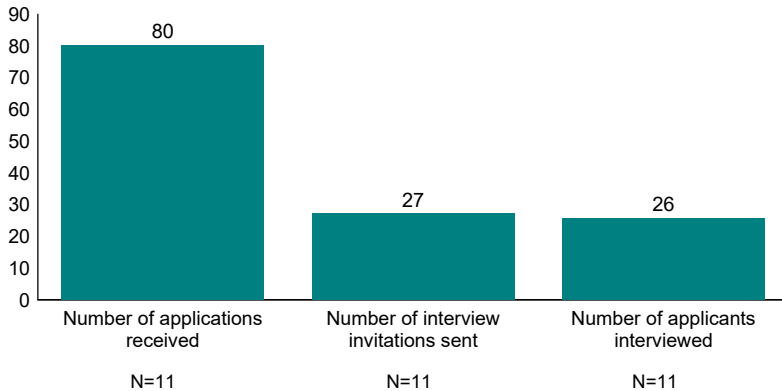
Figure-8

Pediatric Surgery Program's Interview Activities

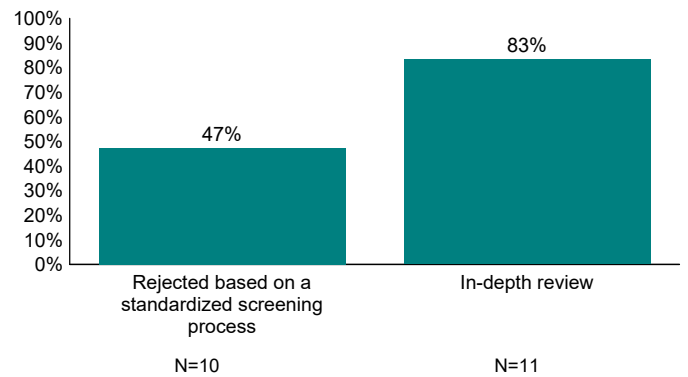
Interview Invitations Sent and Interviews Conducted



Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked

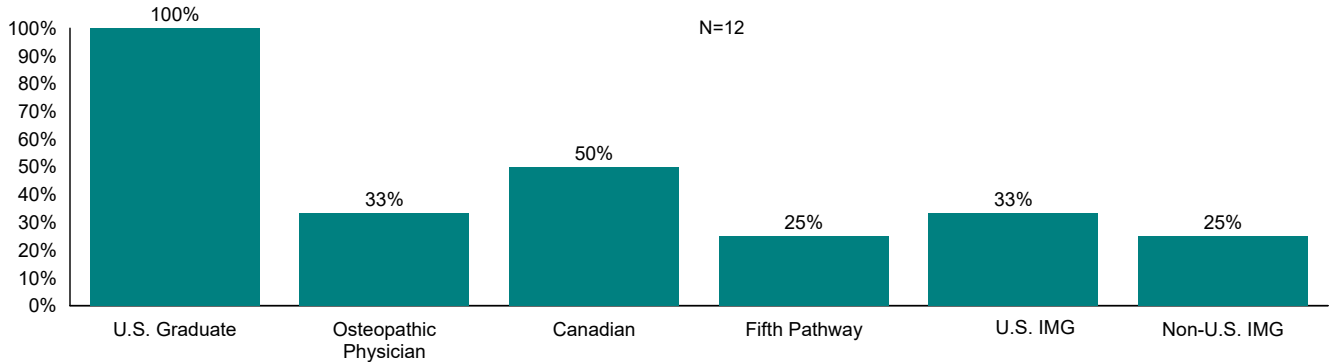


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

25% of Pediatric Surgery programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

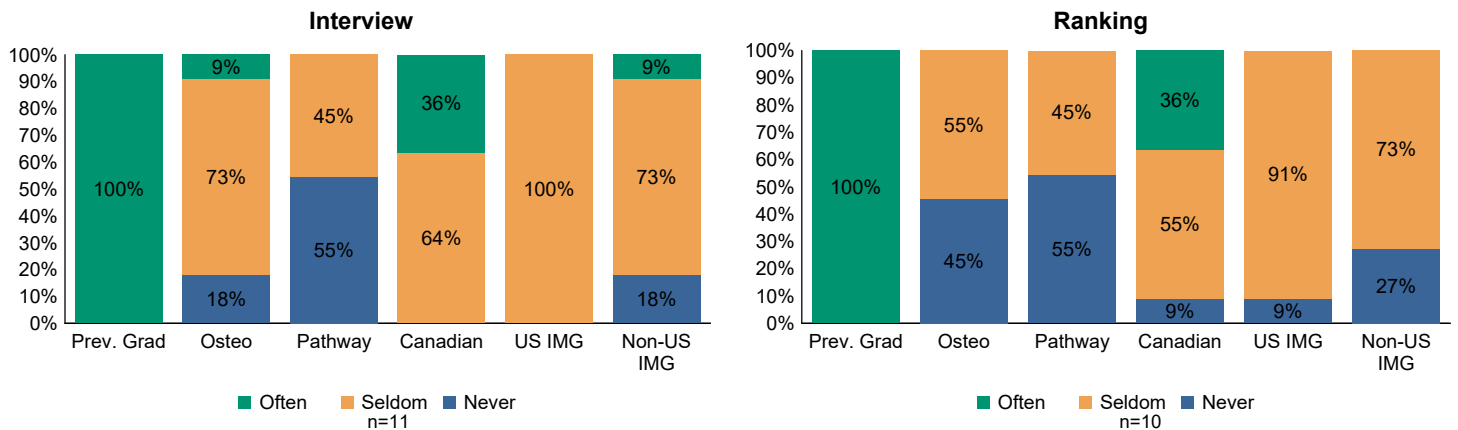


Figure-9

**Pediatric Surgery
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=9

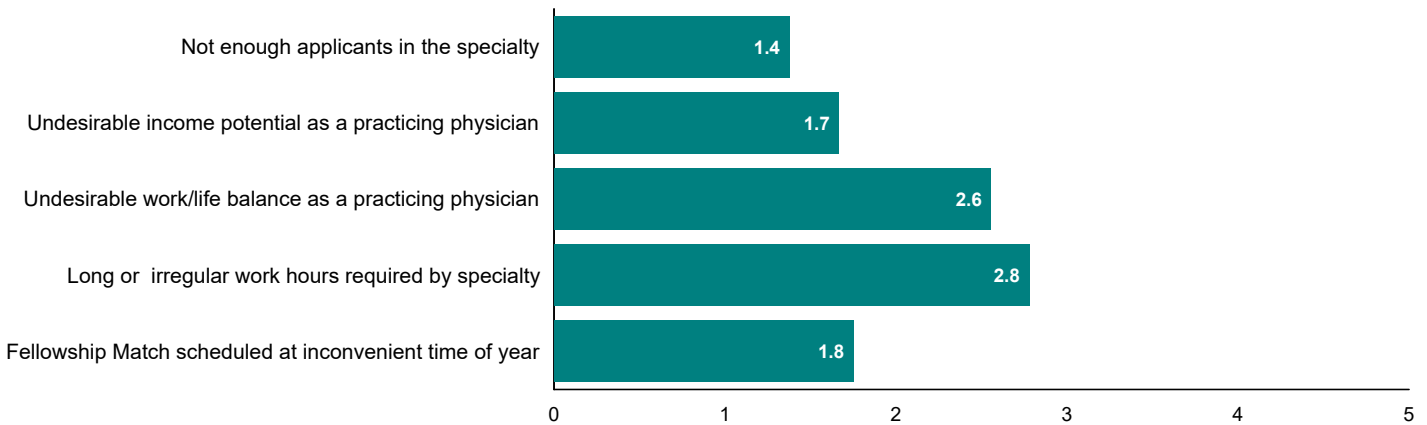


Figure-10

**Pediatric Surgery
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=10

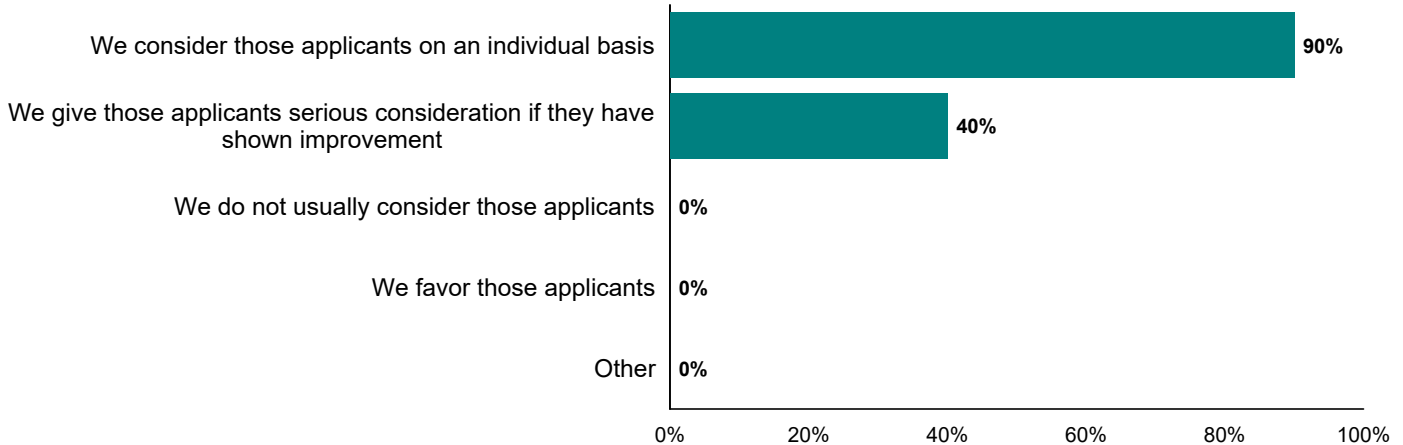
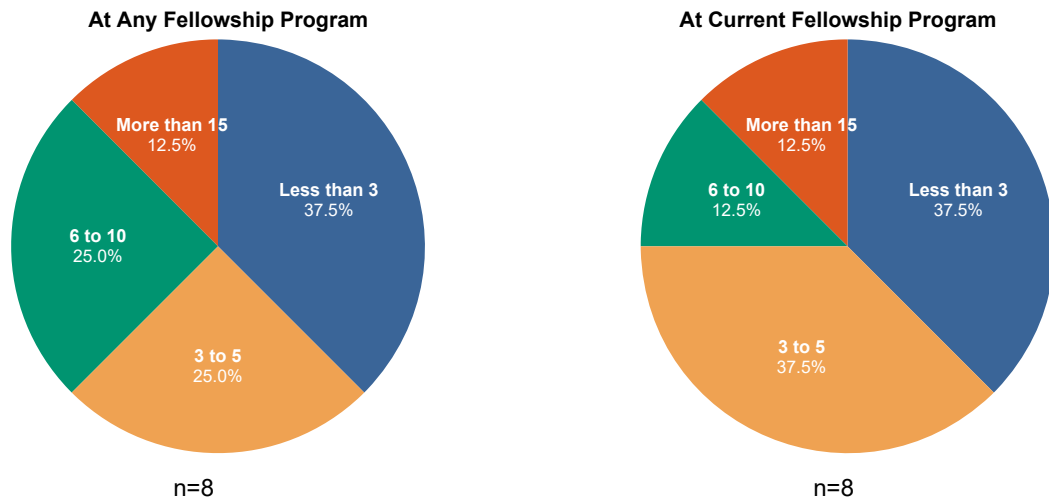


Figure-11

**Pediatric Surgery
Years as Program Director**





Psychosomatic Medicine

2016 Survey

Number of responses	17
Response rate	34.0%

Match Information*

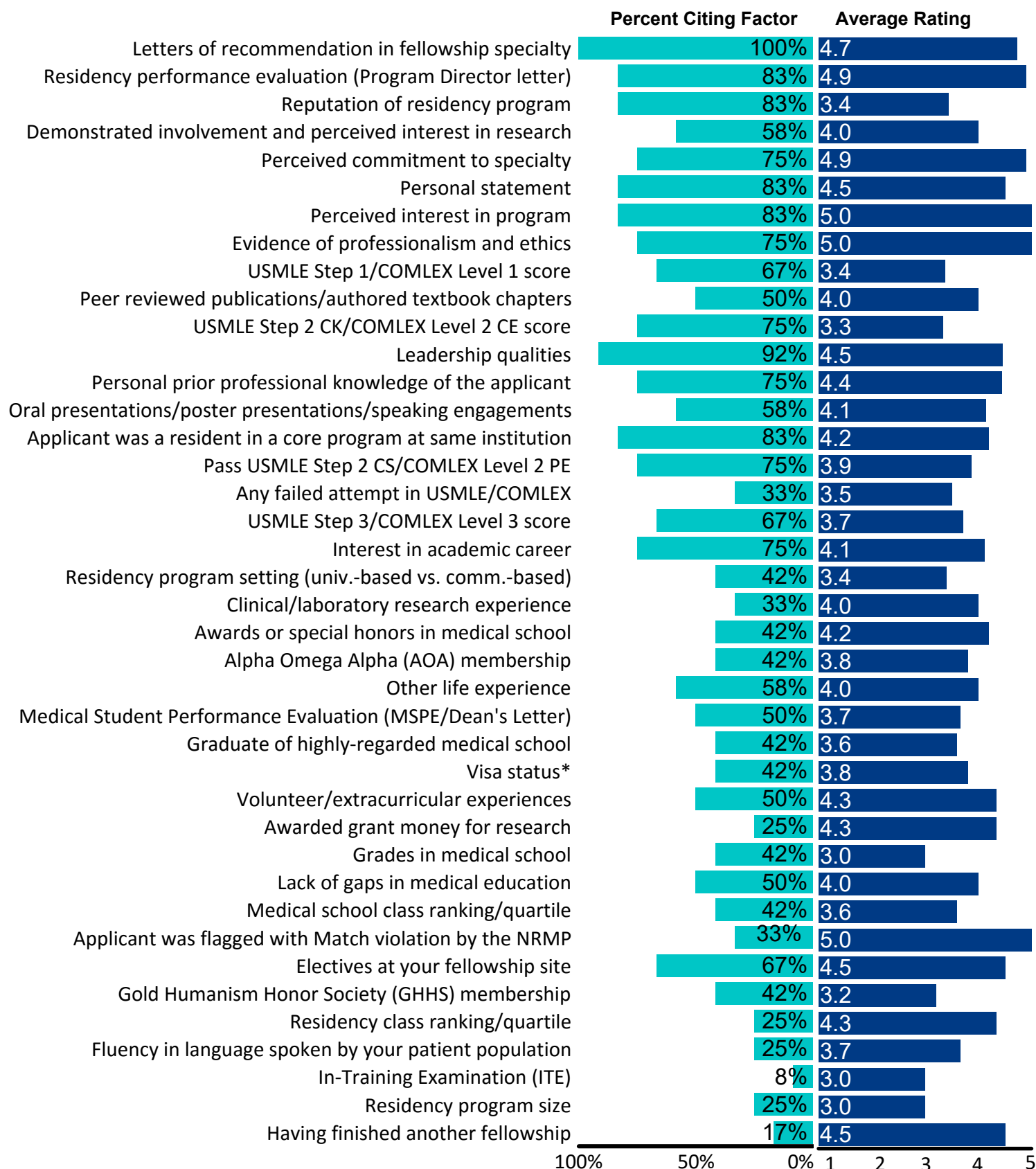
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	51	50	51
Number of positions in the Match	101	93	95
Number of applicants ranking specialty	80	68	73

* Source: NRMP Data Warehouse

Figure-1

Psychosomatic Medicine

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=12)



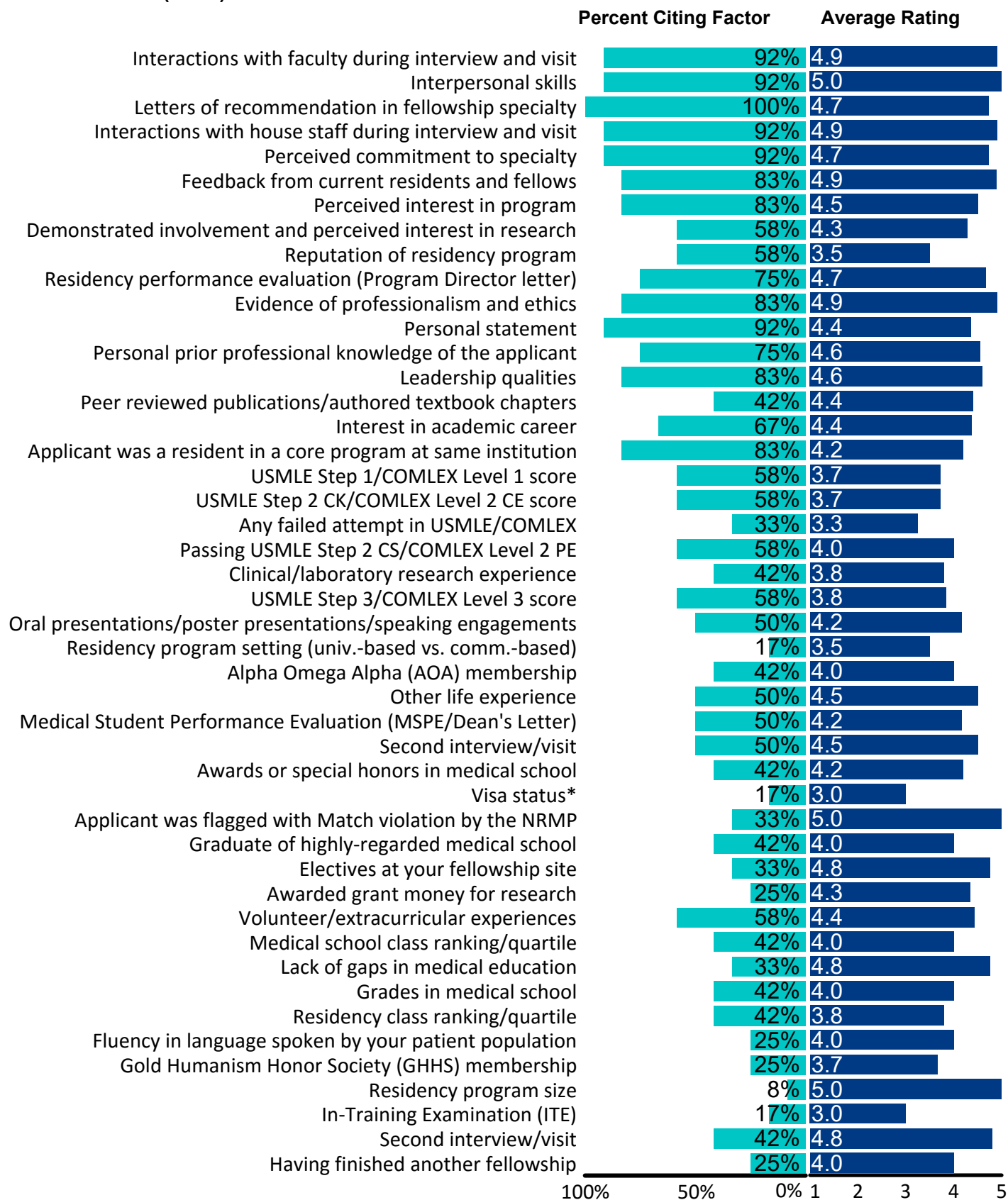
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Psychosomatic Medicine

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=12)



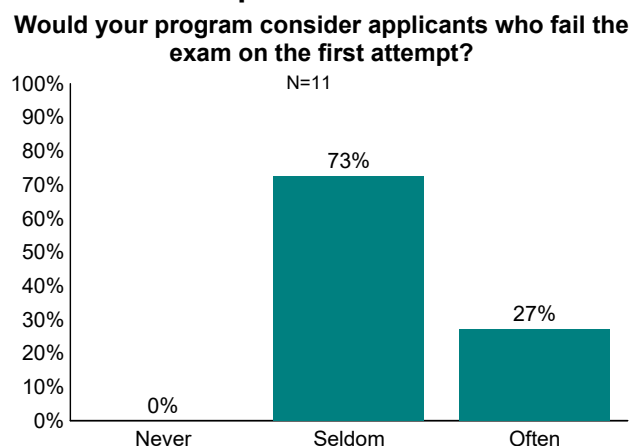
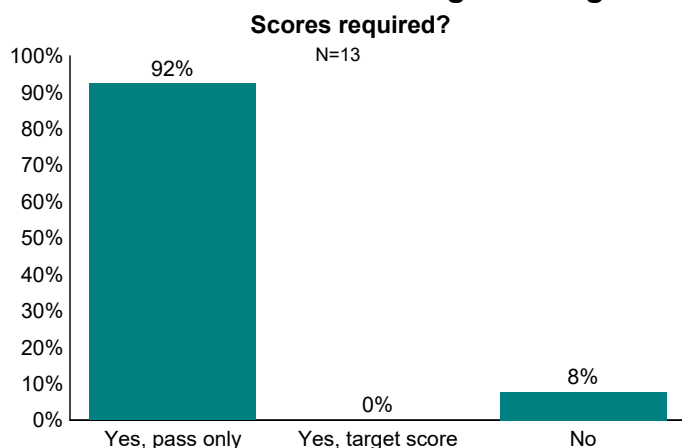
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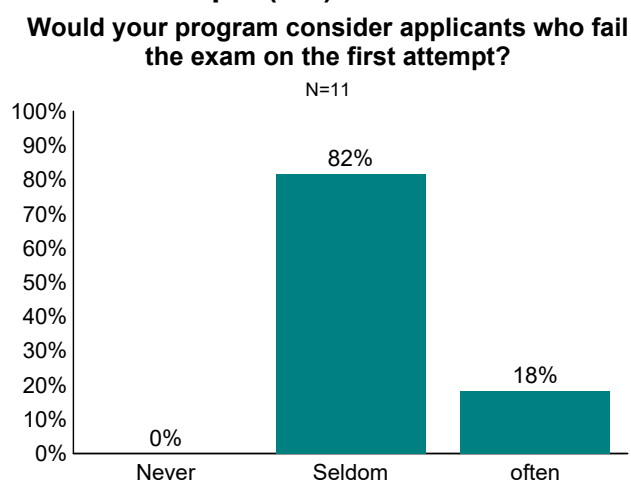
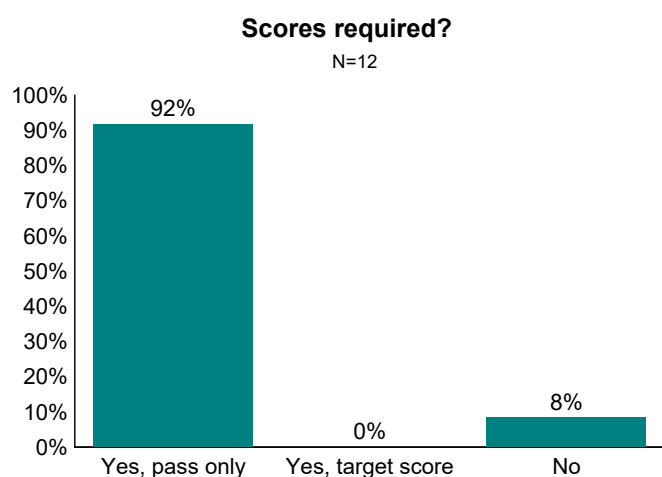
Figure-3

**Psychosomatic Medicine
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
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Generally Do Not Grant Interviews**

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USMLE Step 2 CK
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**Scores Above Which Programs
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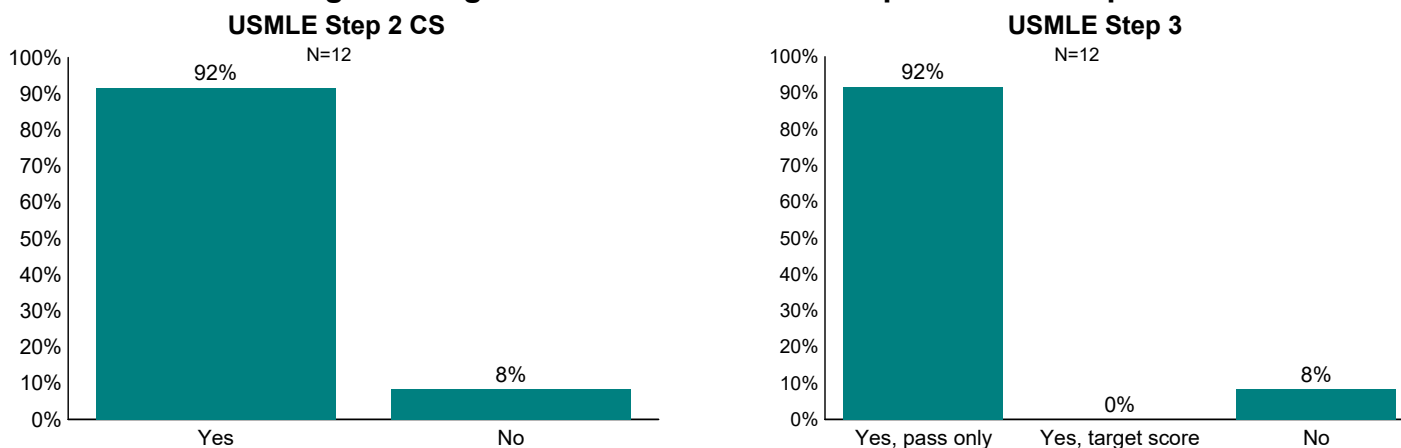
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

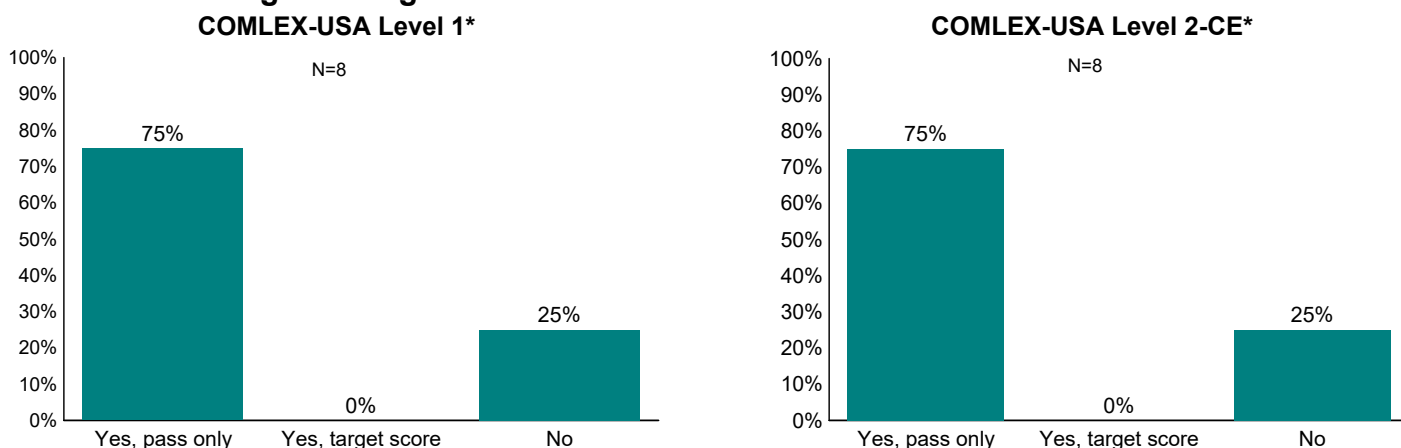
Psychosomatic Medicine

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

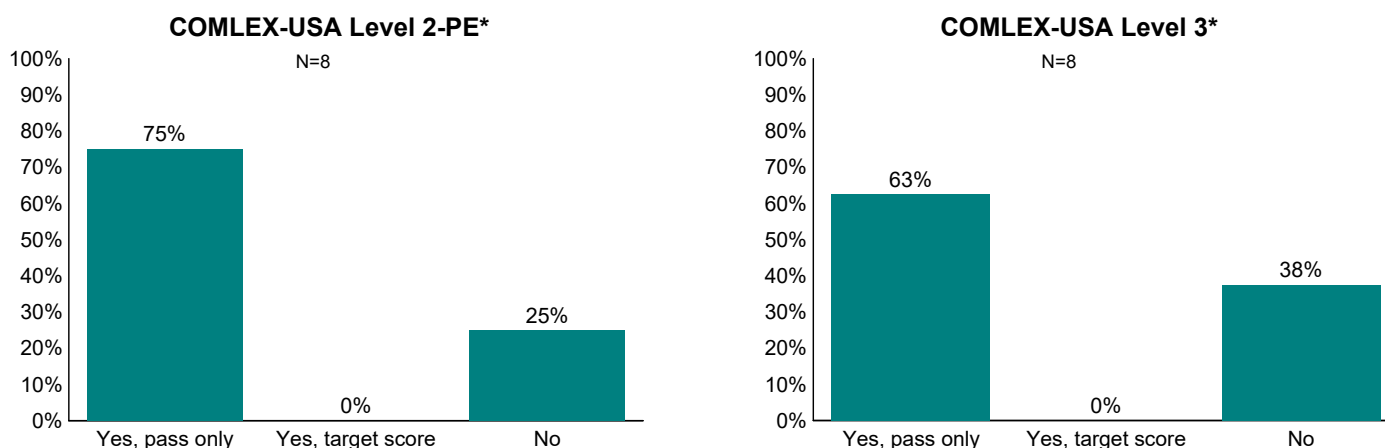
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Psychosomatic Medicine Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

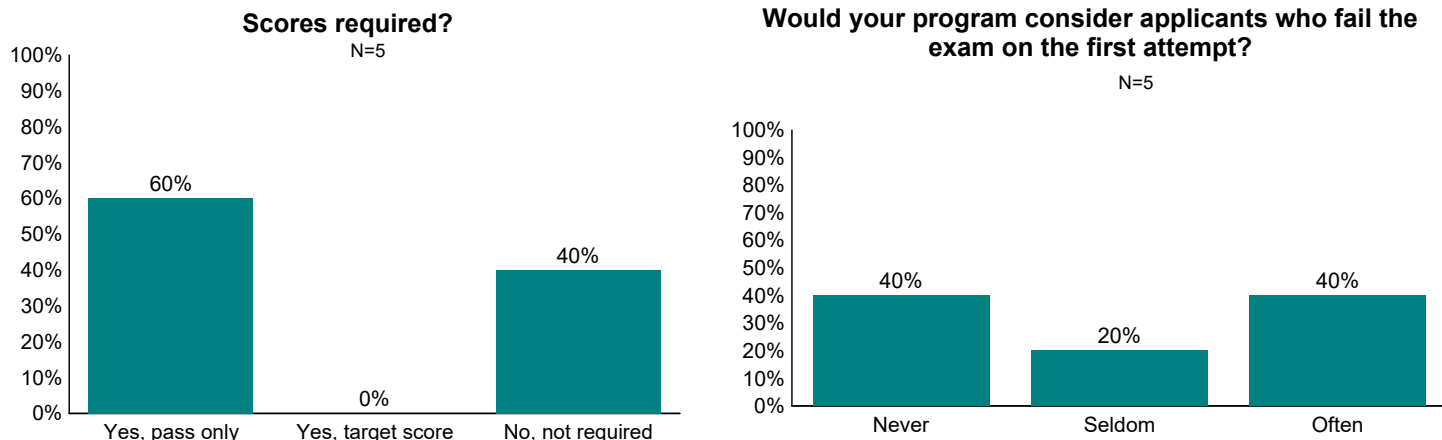


Figure-6

Psychosomatic Medicine Programs Positions

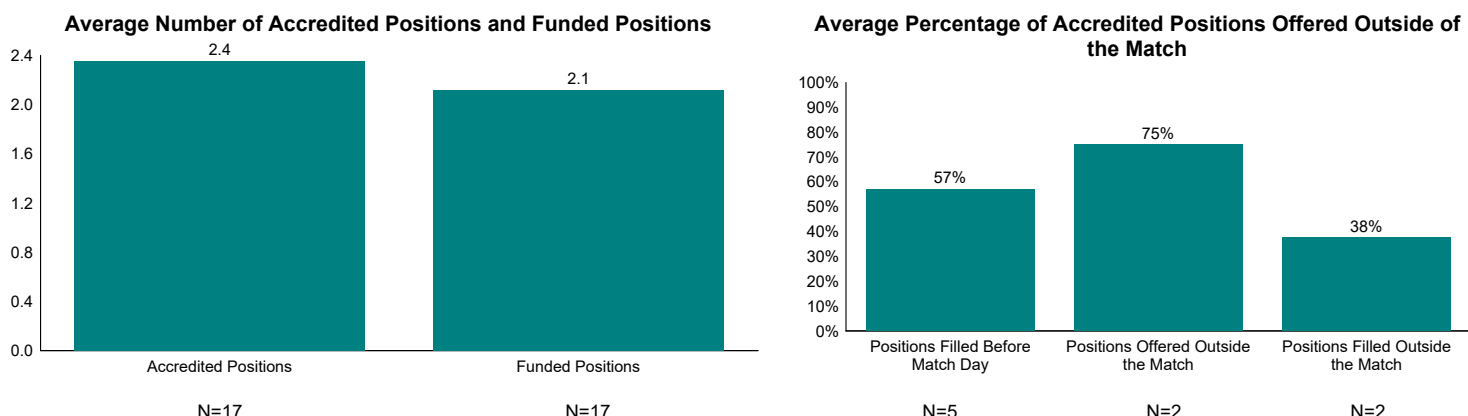
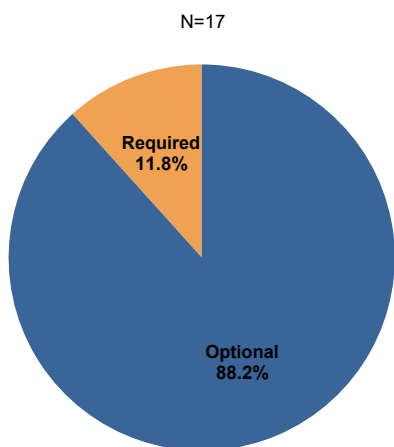


Figure-7

Psychosomatic Medicine Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

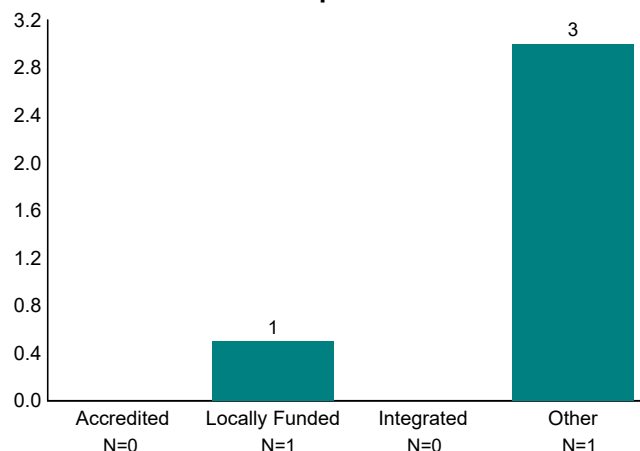
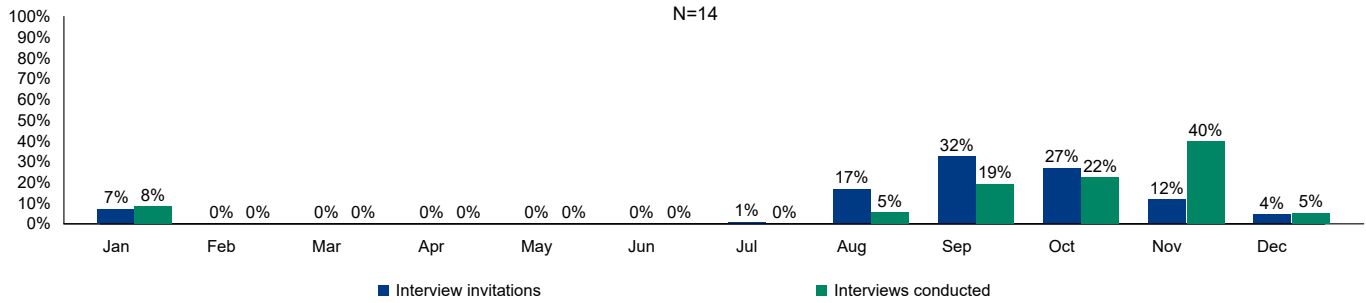


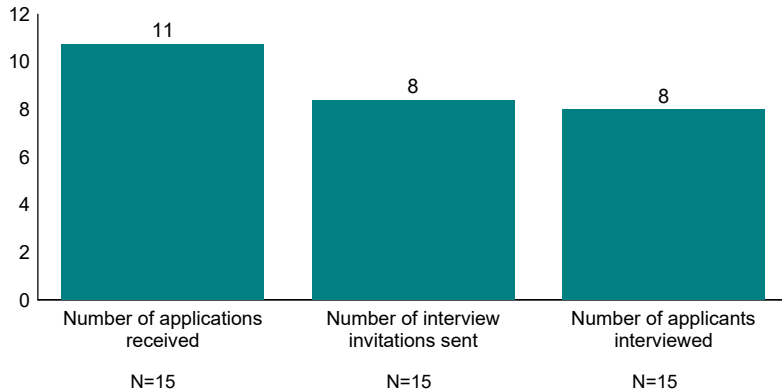
Figure-8

Psychosomatic Medicine Program's Interview Activities

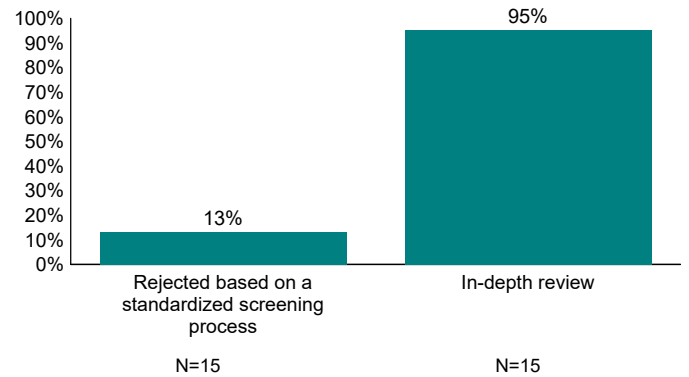
Interview Invitations Sent and Interviews Conducted



Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked

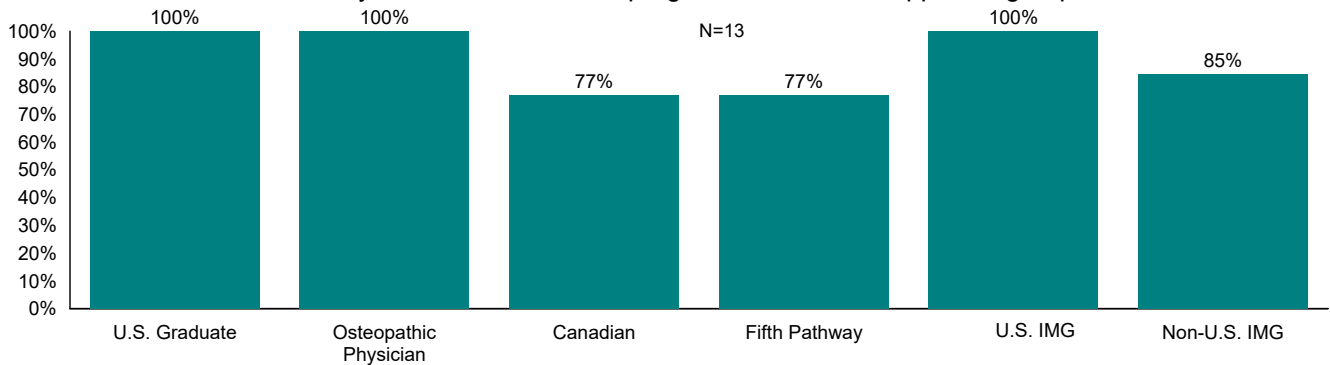


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

62% of Psychosomatic Medicine programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

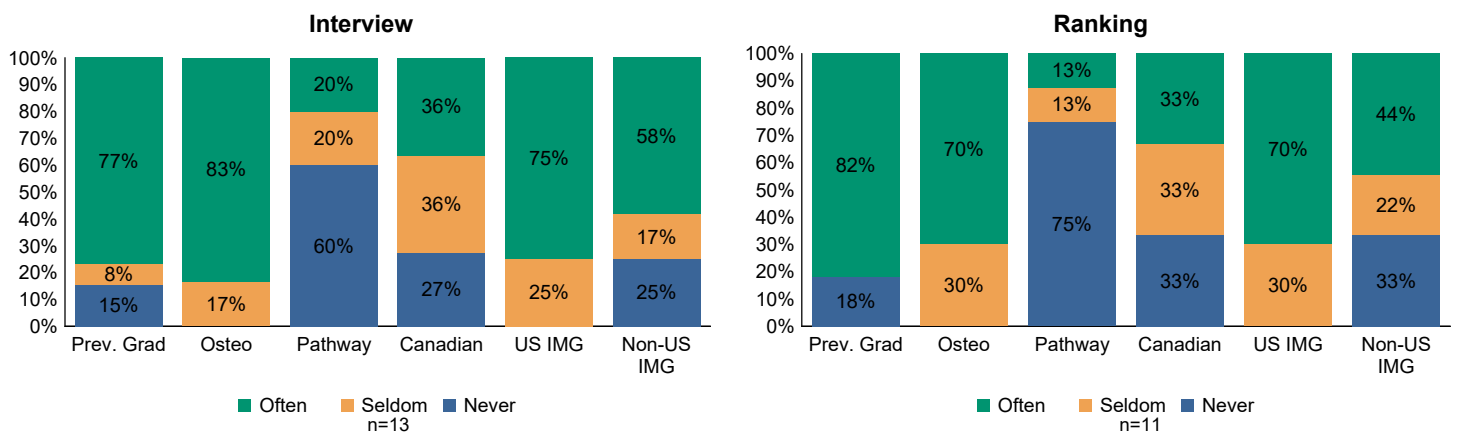


Figure-9

**Psychosomatic Medicine
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=10

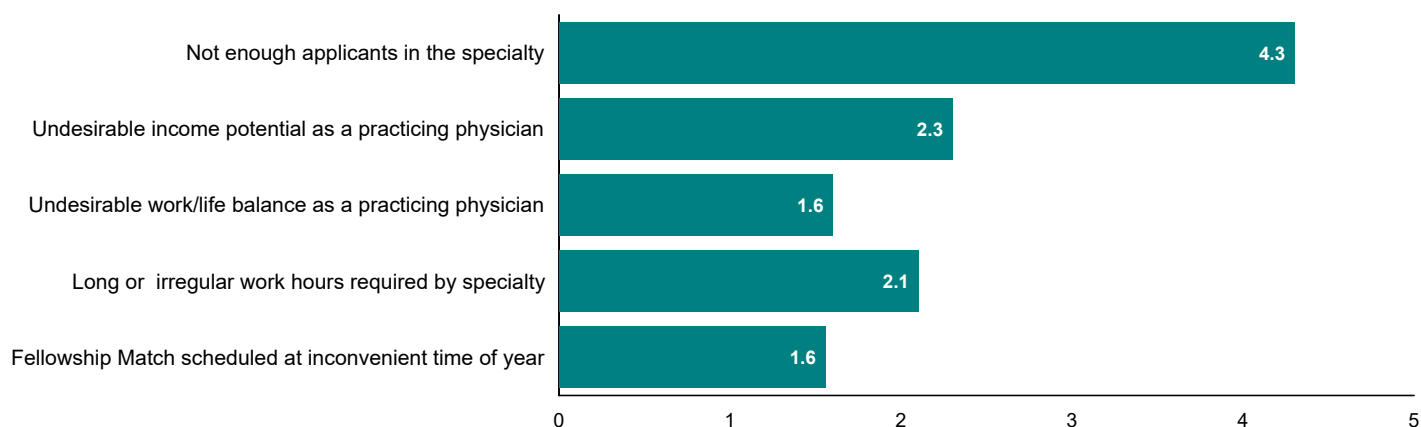


Figure-10

**Psychosomatic Medicine
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=11

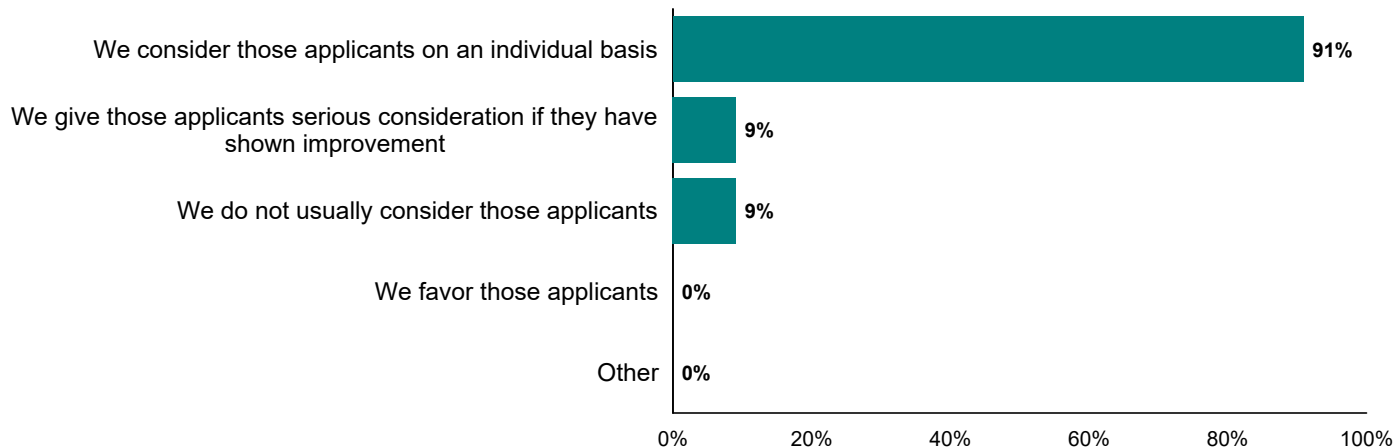
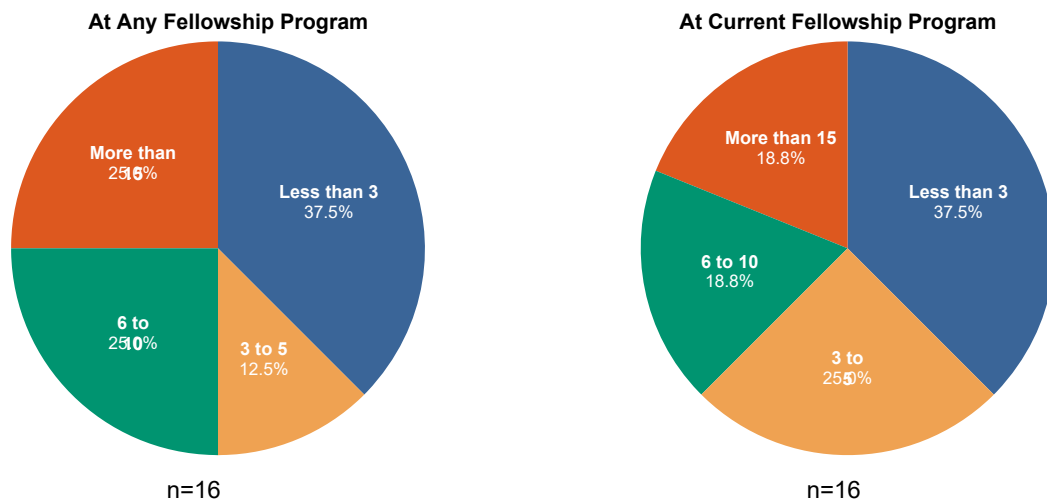


Figure-11

**Psychosomatic Medicine
Years as Program Director**





Pulmonary Disease and Critical Care Medicine

Table 1**Pulmonary Disease and Critical Care Medicine
General Information****2016 Survey**

Number of responses	58
Response rate	42.6%

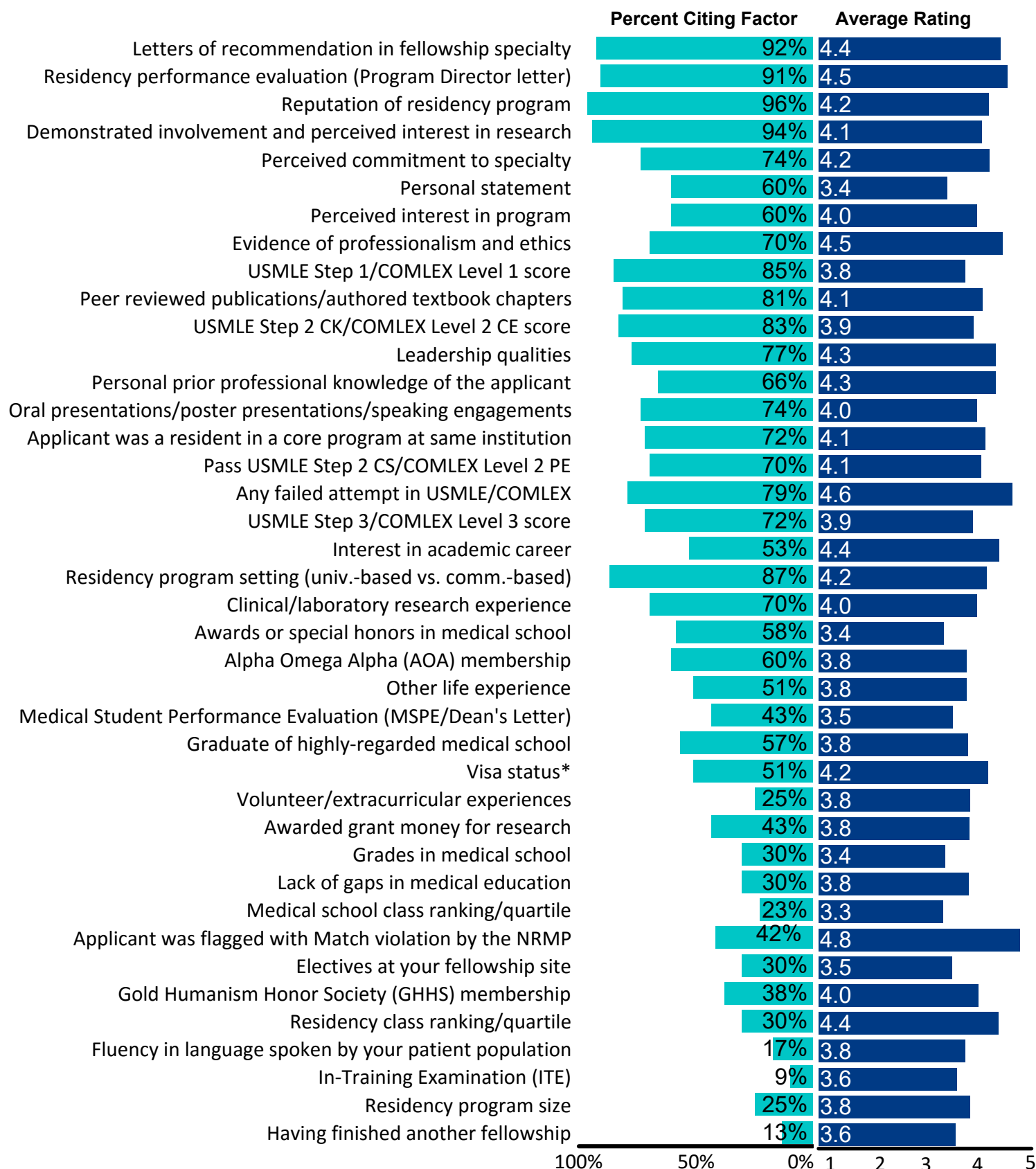
Match Information*

	Appointment Years		
	2016	2015	2014
Number of programs in the Match	140	139	135
Number of positions in the Match	515	519	489
Number of applicants ranking specialty	689	780	753

* Source: NRMP Data Warehouse

Figure-1

Pulmonary Disease and Critical Care Medicine
Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=53)



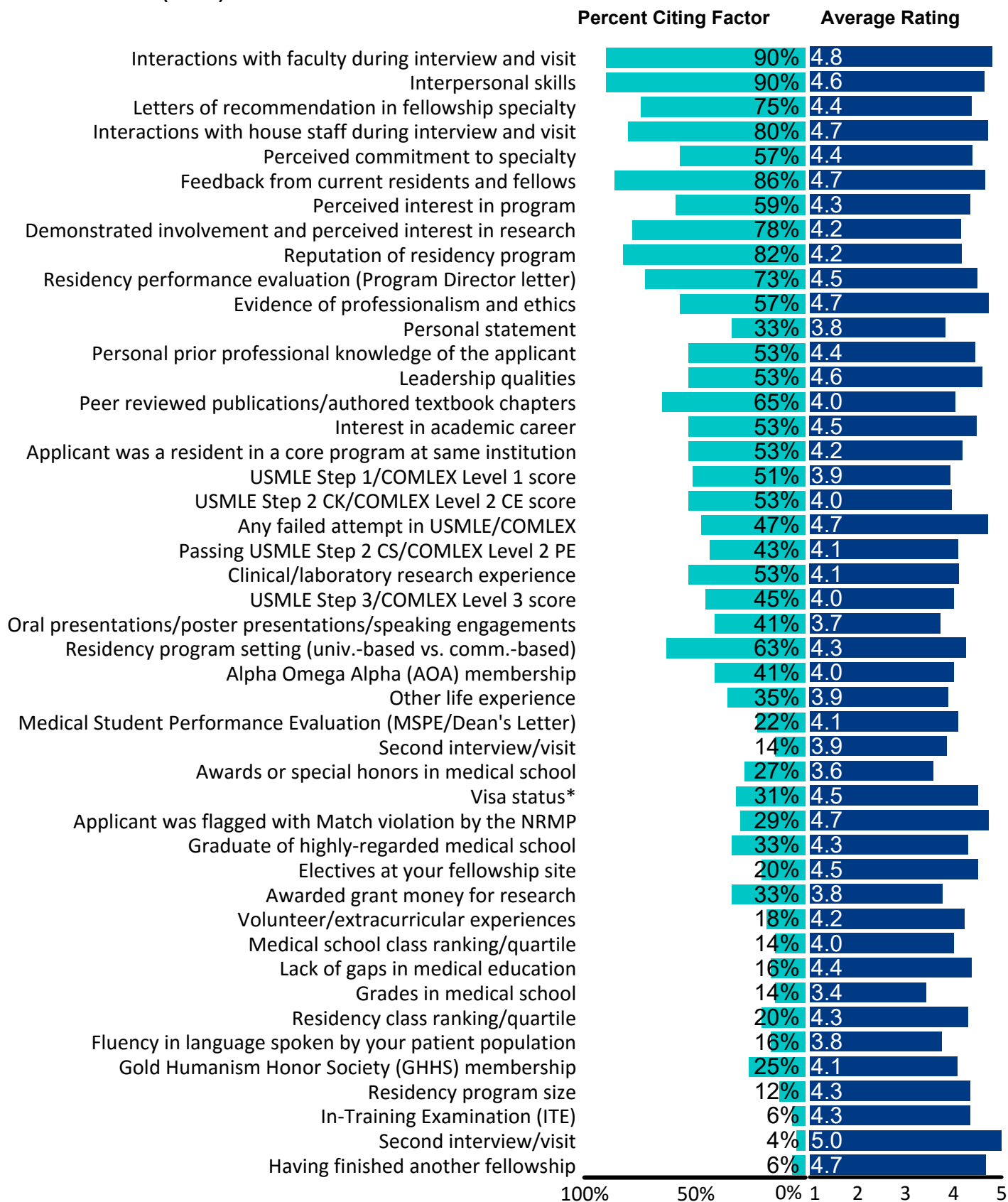
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

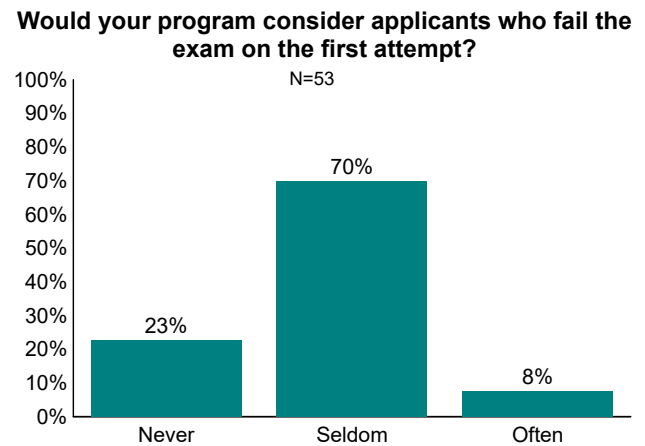
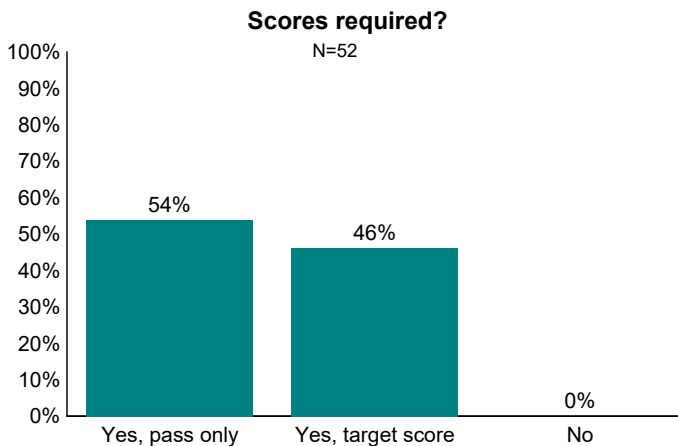
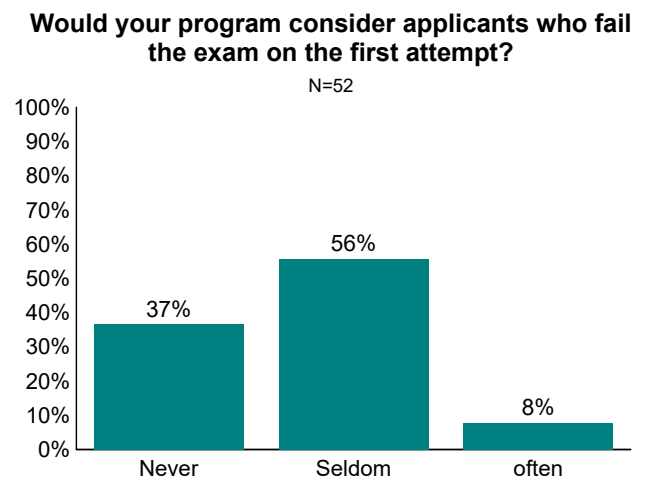
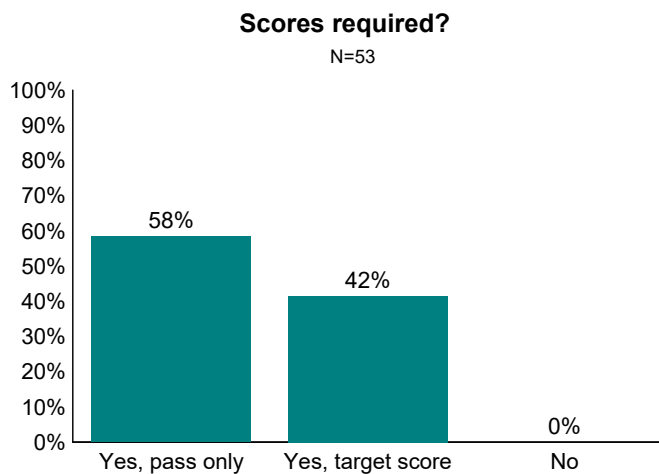
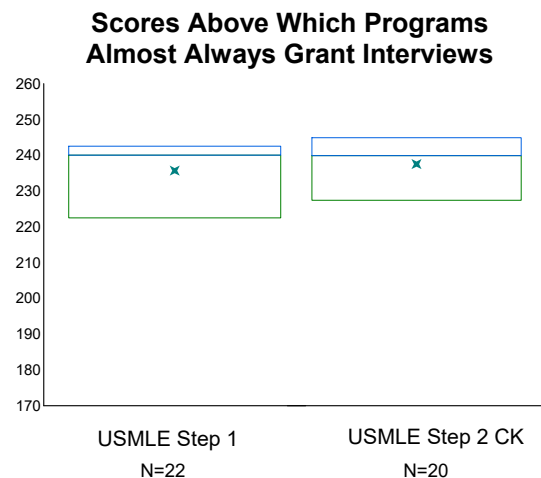
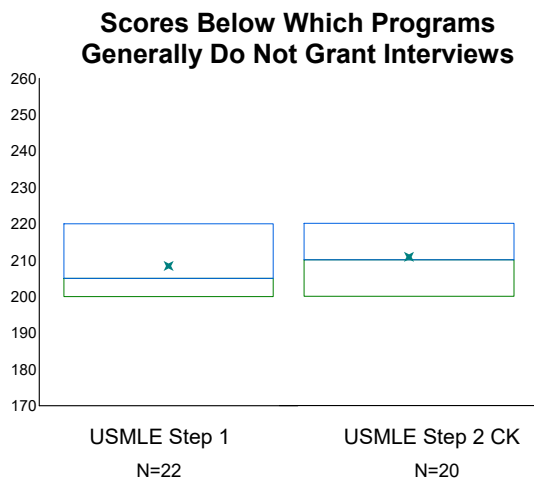
Pulmonary Disease and Critical Care Medicine

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=53)



¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-3**Pulmonary Disease and Critical Care Medicine
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview****Percentage of Programs That Use USMLE Step 1 Score****Percentage of Programs That Use USMLE Step 2 (CK) Score****IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**

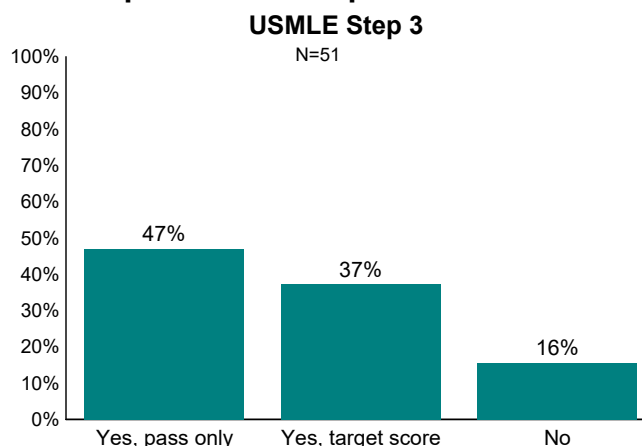
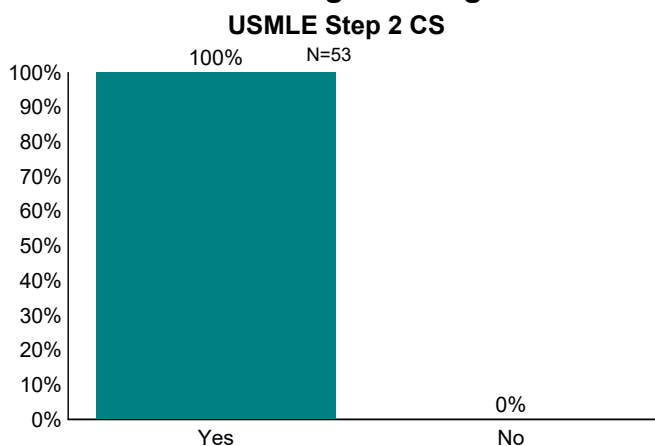
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

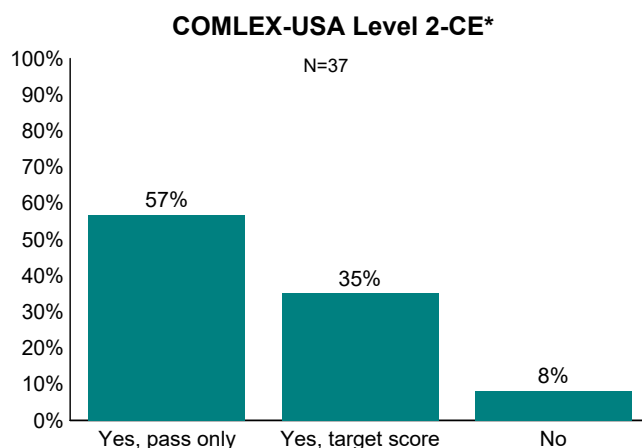
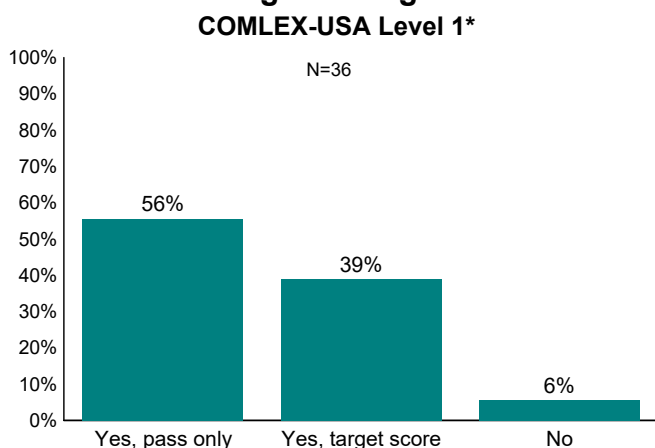
Pulmonary Disease and Critical Care Medicine

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

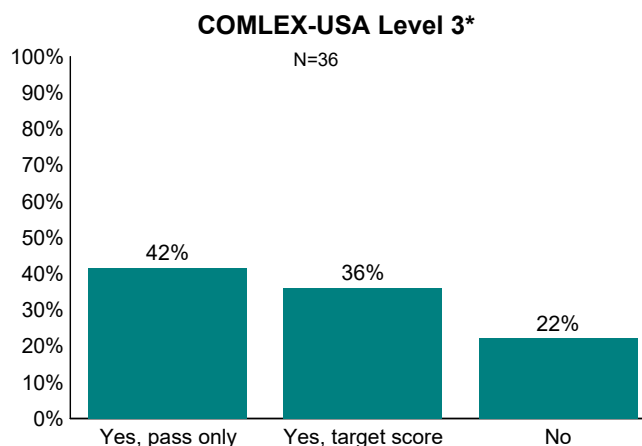
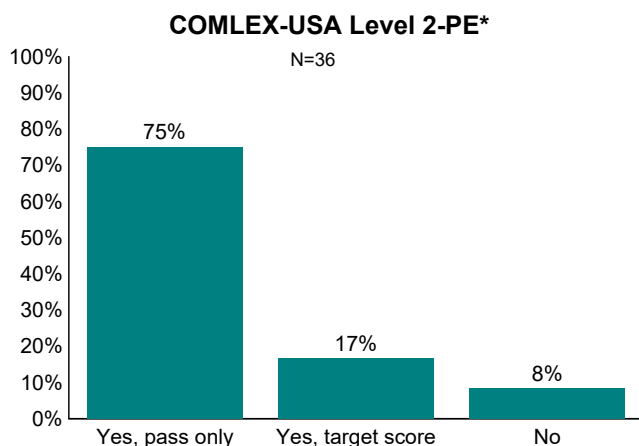
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

**Pulmonary Disease and Critical Care Medicine
Programs That Use Core Specialty Certifying Examination When Considering
Applicants for Interview**

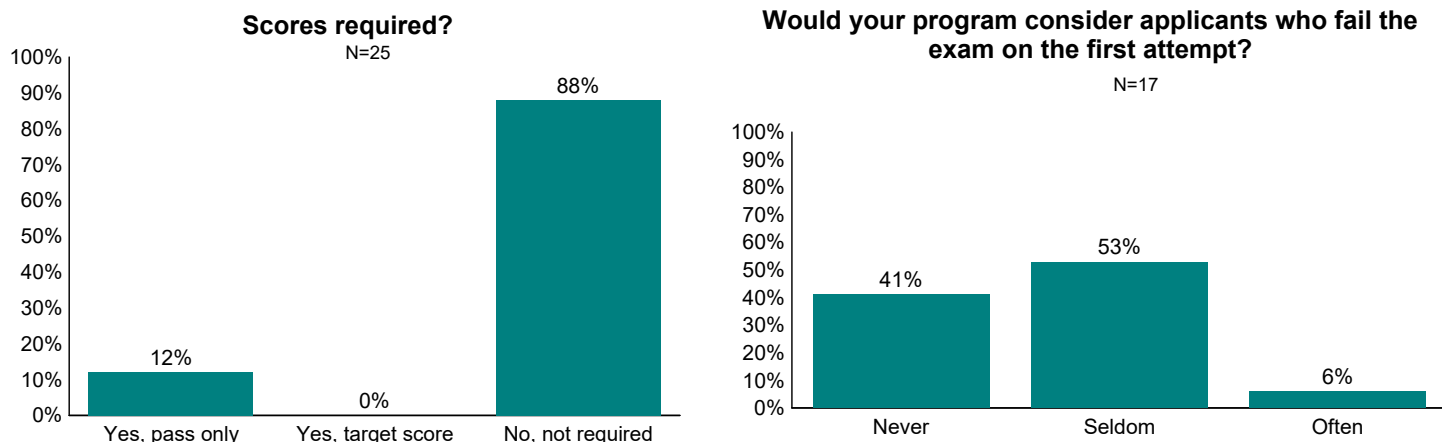


Figure-6

**Pulmonary Disease and Critical Care Medicine
Programs Positions**

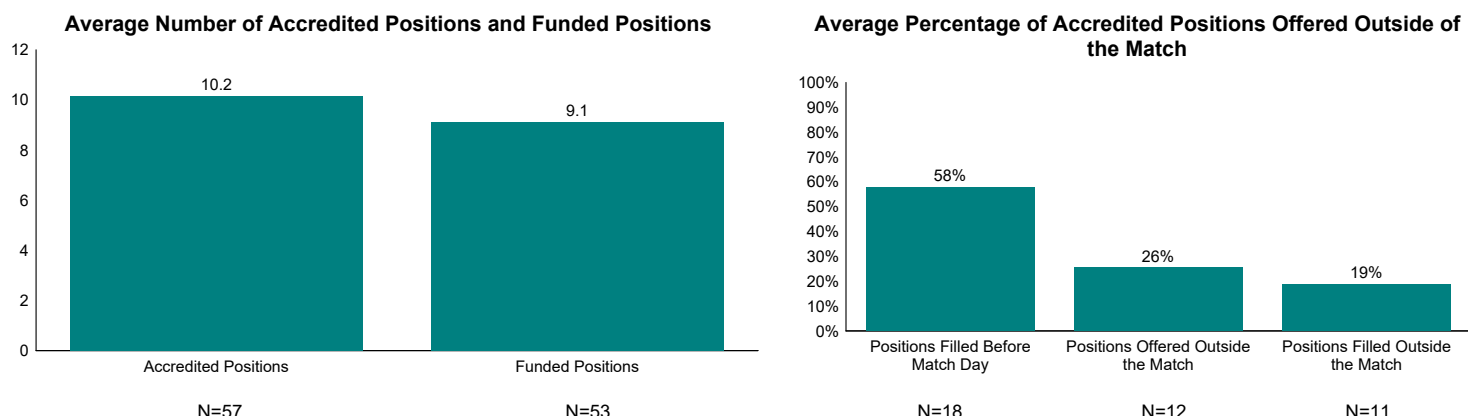
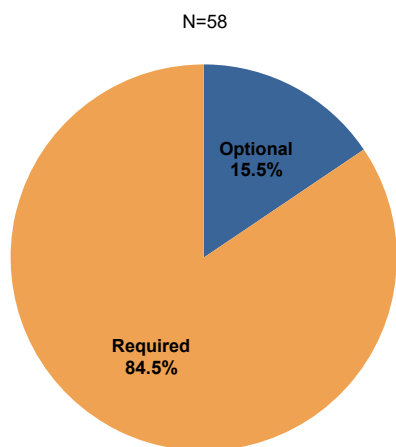


Figure-7

**Pulmonary Disease and Critical Care Medicine
Dedicated Time for Research**

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

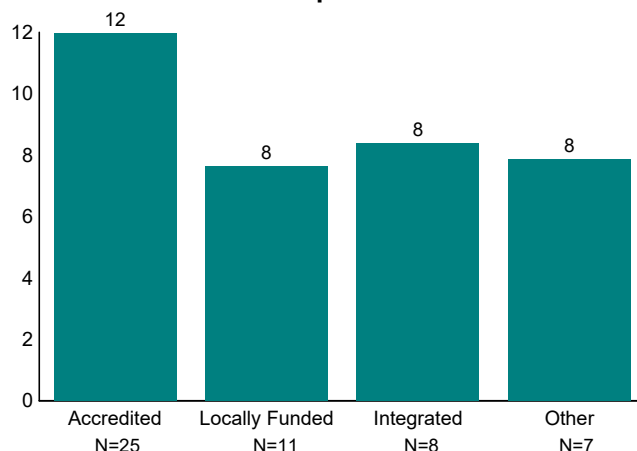
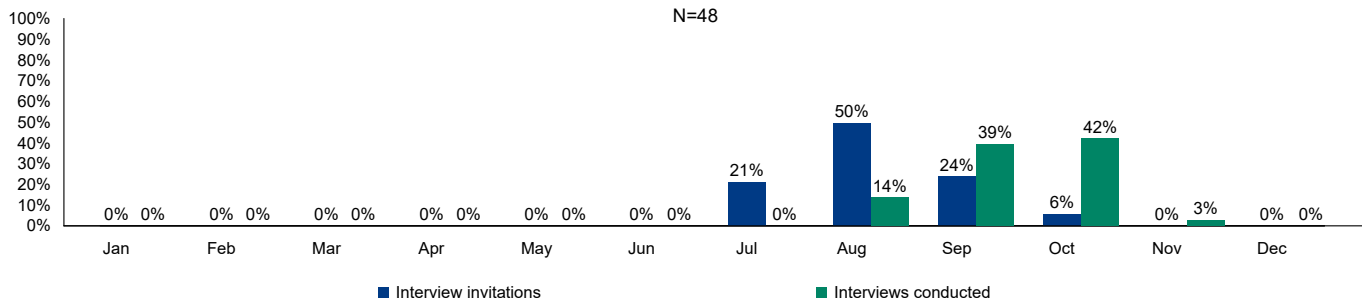


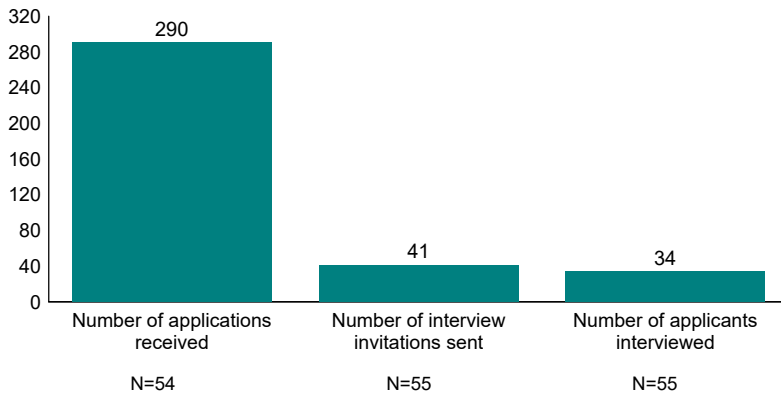
Figure-8

Pulmonary Disease and Critical Care Medicine Program's Interview Activities

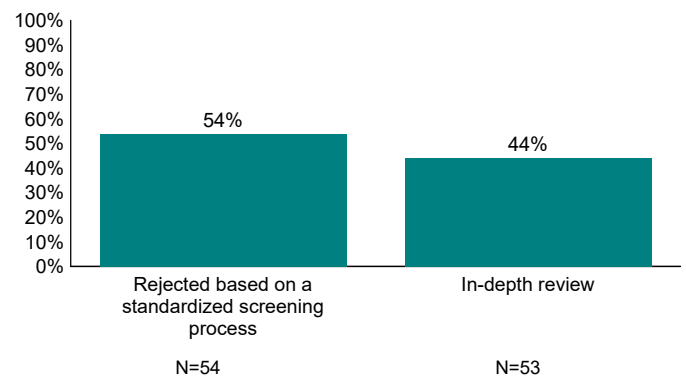
Interview Invitations Sent and Interviews Conducted



Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked

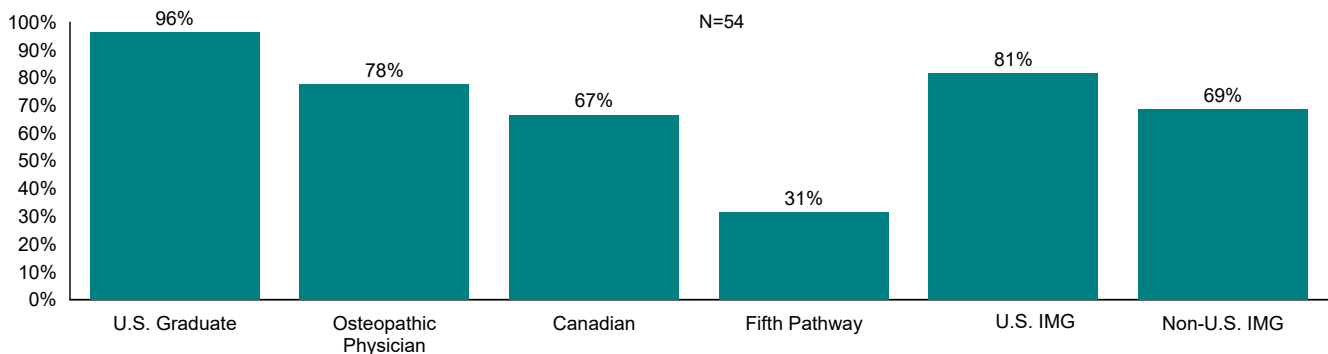


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

31% of Pulmonary Disease and Critical Care Medicine programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

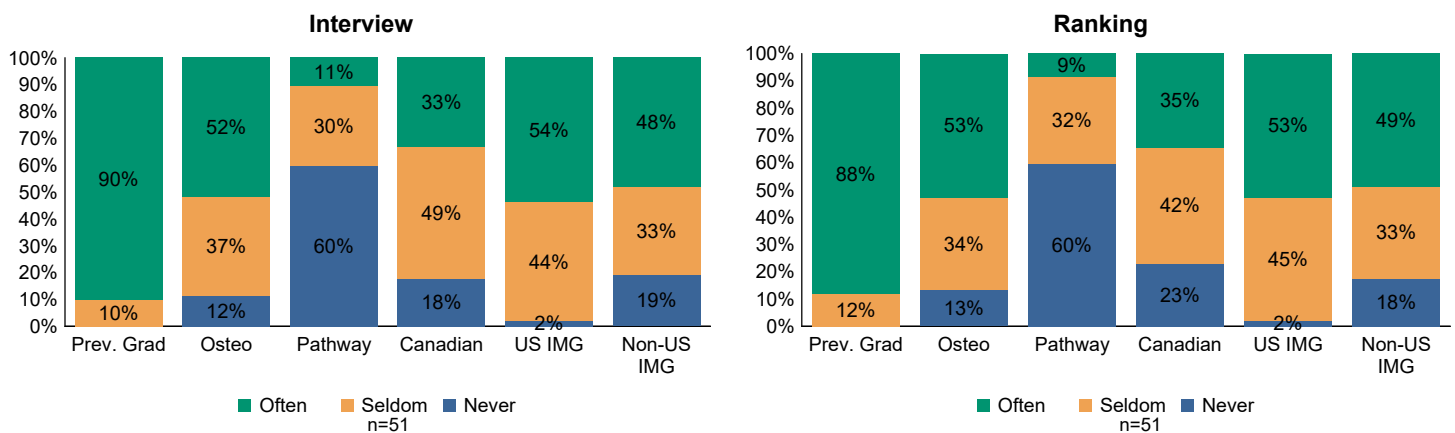


Figure-9

**Pulmonary Disease and Critical Care Medicine
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=50

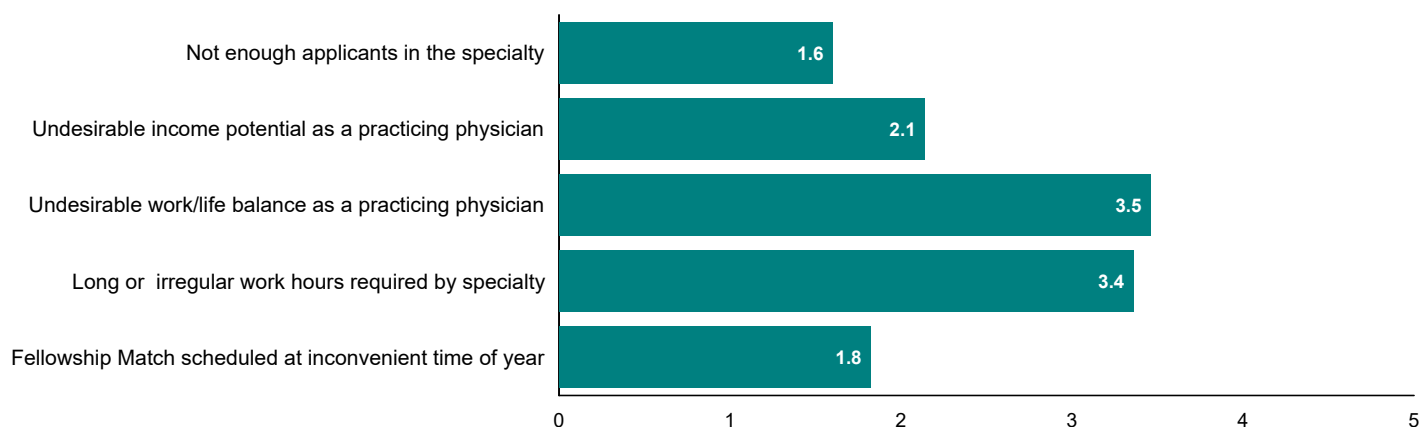


Figure-10

**Pulmonary Disease and Critical Care Medicine
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=51

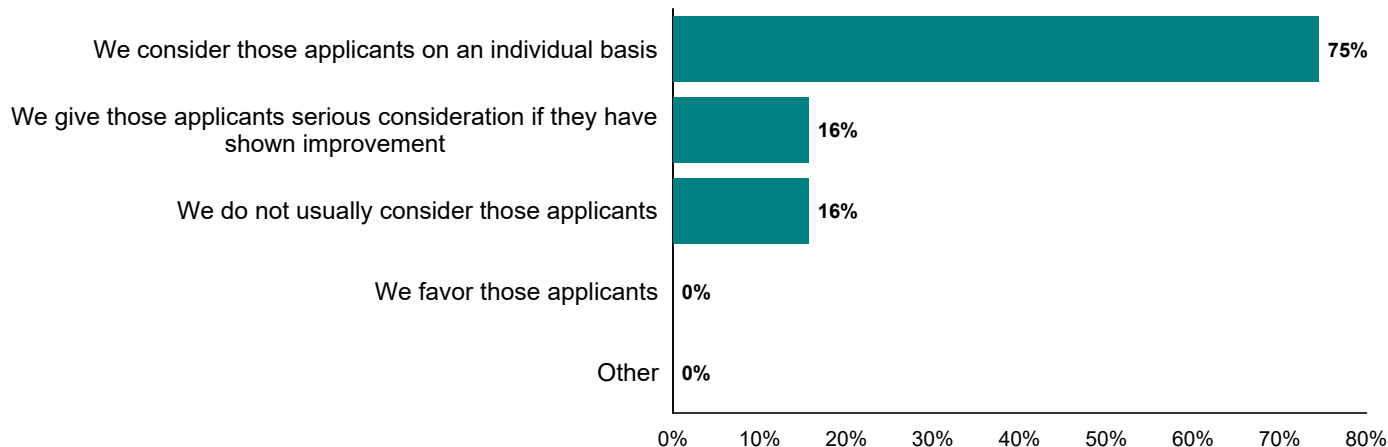
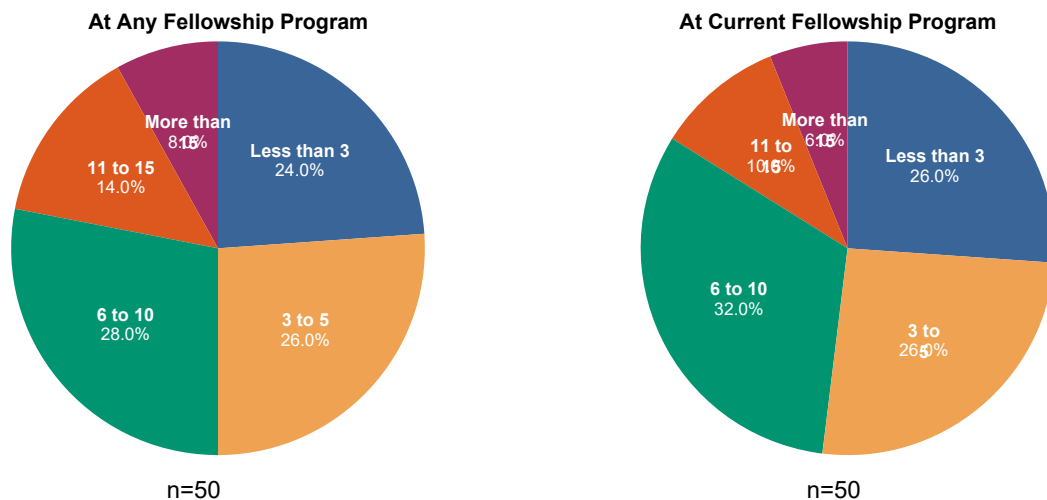


Figure-11

**Pulmonary Disease and Critical Care Medicine
Years as Program Director**





Reproductive Endocrinology

2016 Survey

Number of responses	12
Response rate	35.3%

Match Information*

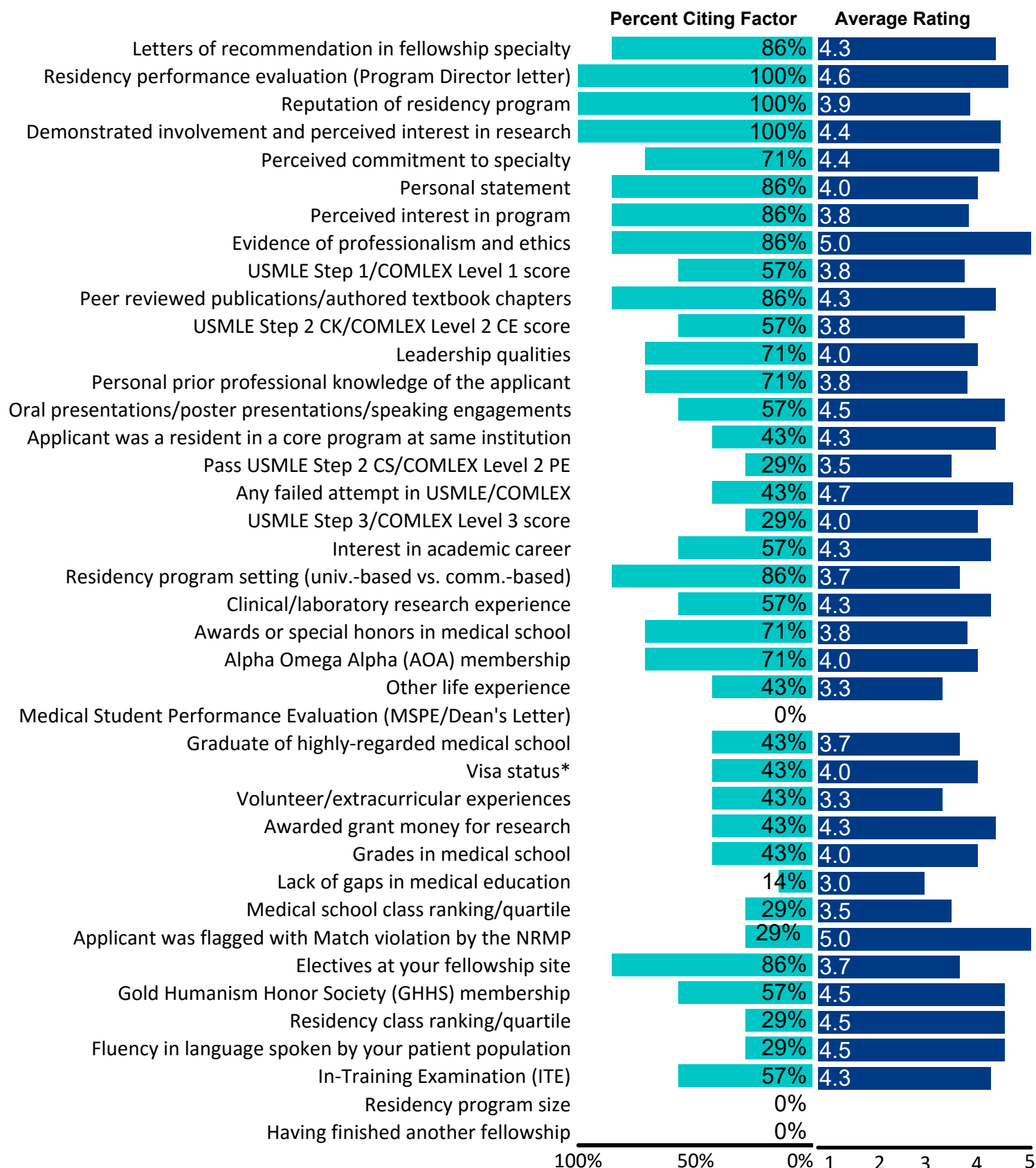
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	36	37	38
Number of positions in the Match	42	47	43
Number of applicants ranking specialty	60	69	69

* Source: NRMP Data Warehouse

Figure-1

Reproductive Endocrinology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=7)



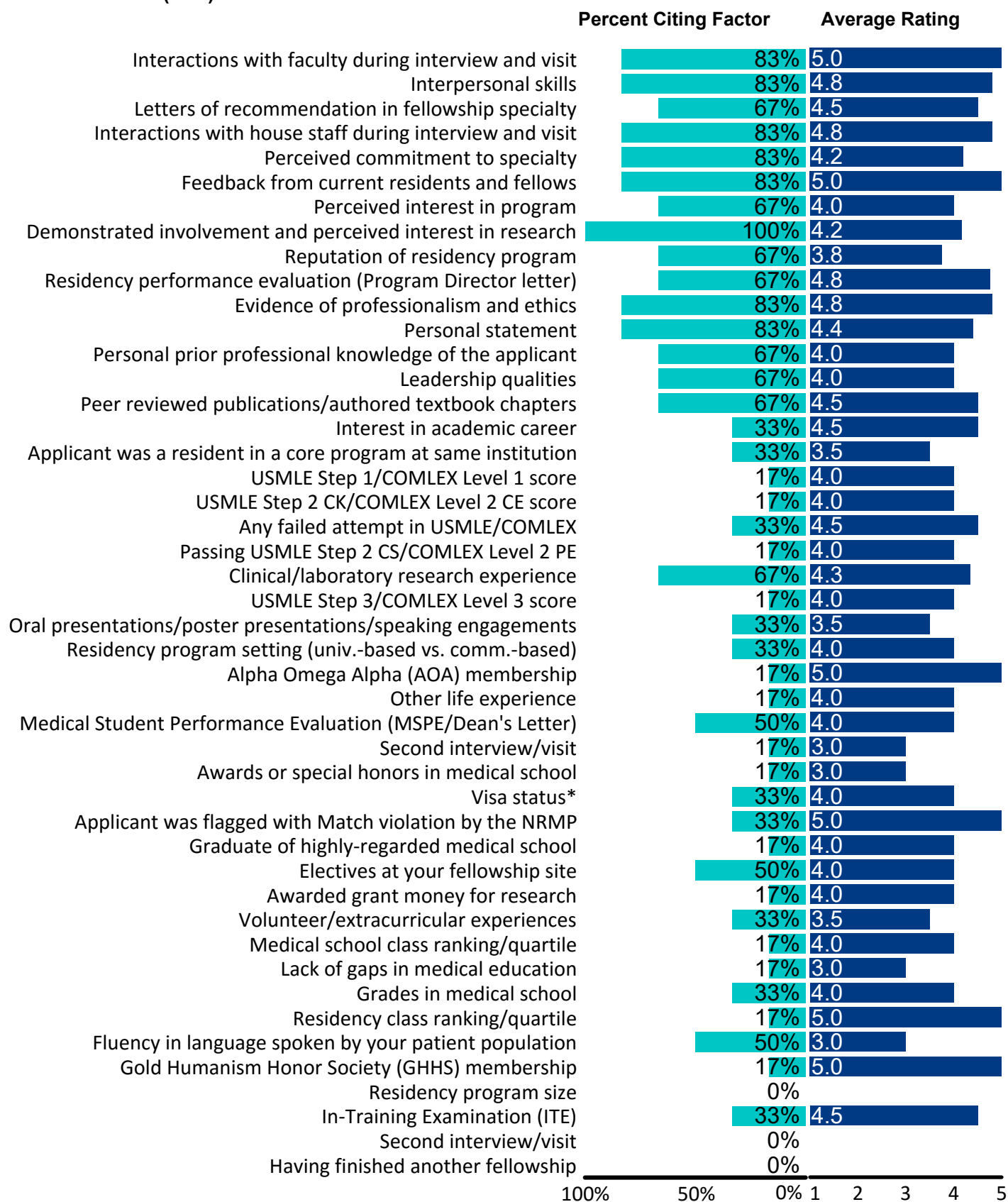
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Reproductive Endocrinology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=7)



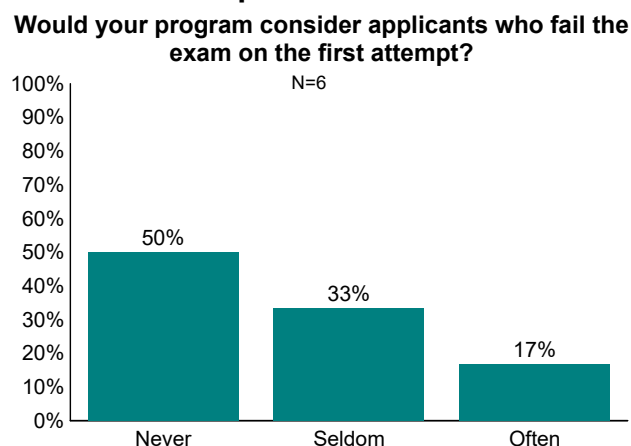
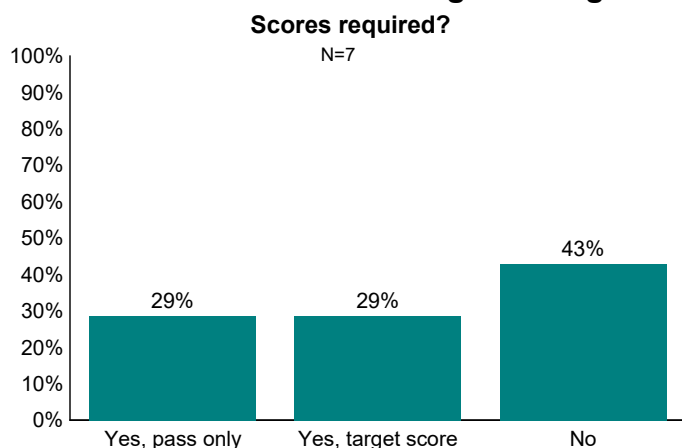
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

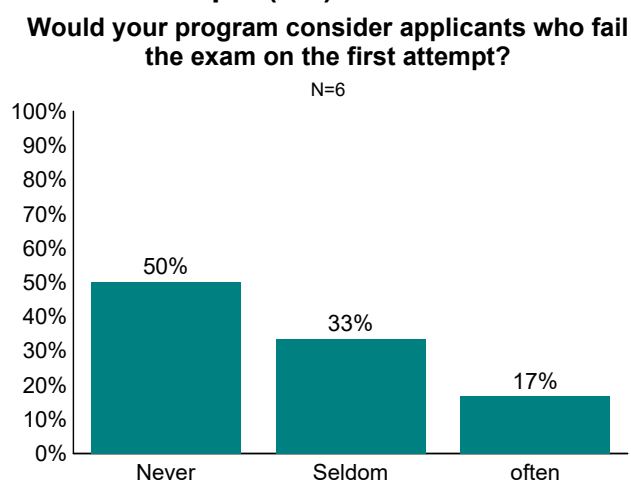
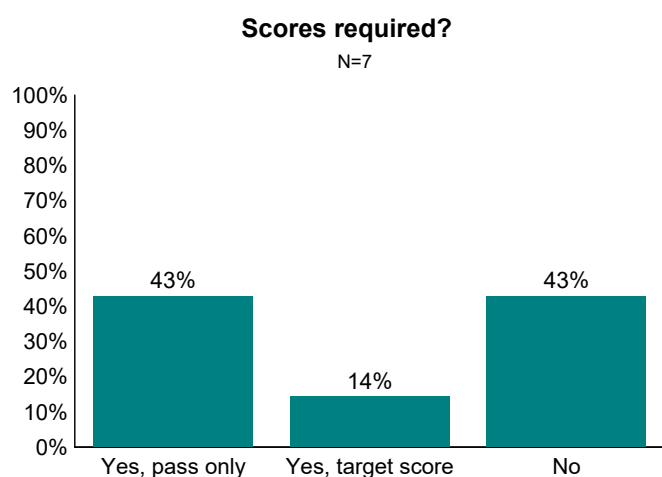
Figure-3

**Reproductive Endocrinology
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**

**Scores Below Which Programs
Generally Do Not Grant Interviews**

USMLE Step 1 not
reported because
of low response
rate

USMLE Step 2 CK
not reported
because of low
response rate

**Scores Above Which Programs
Almost Always Grant Interviews**

USMLE Step 1 not
reported because
of low response
rate

USMLE Step 2 CK
not reported
because of low
response rate

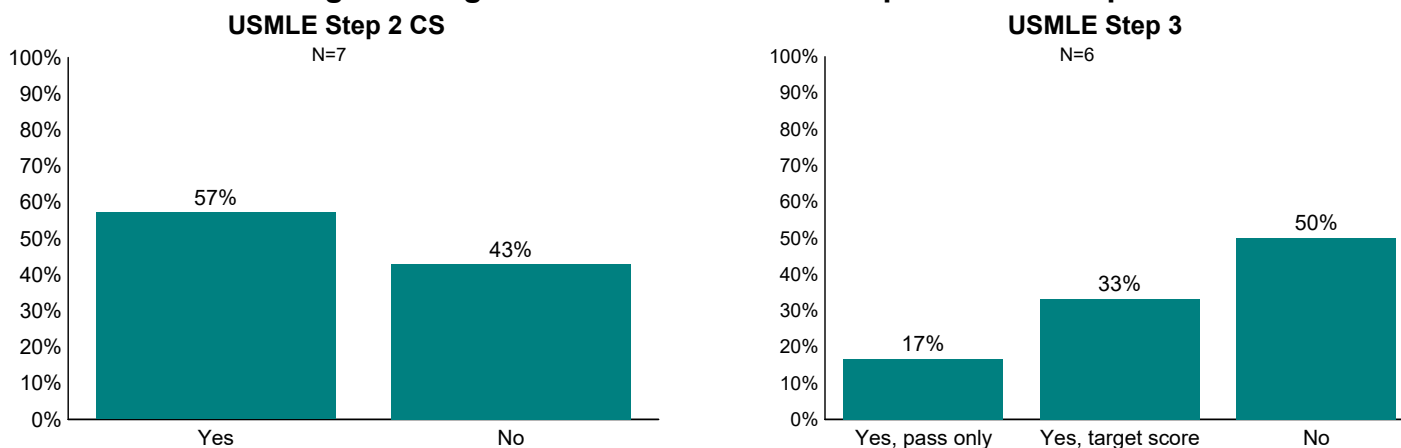
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

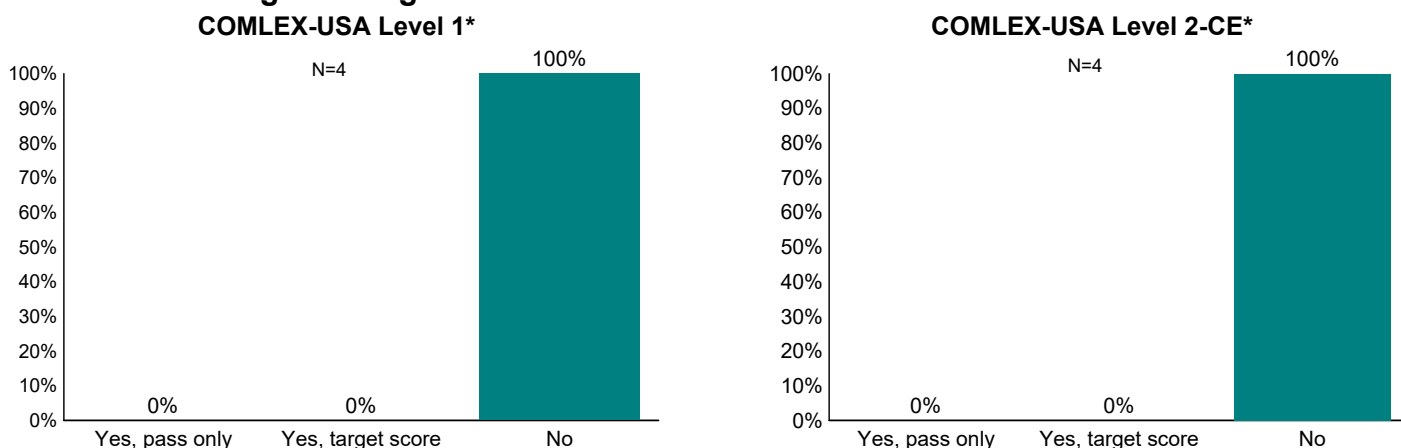
Reproductive Endocrinology

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

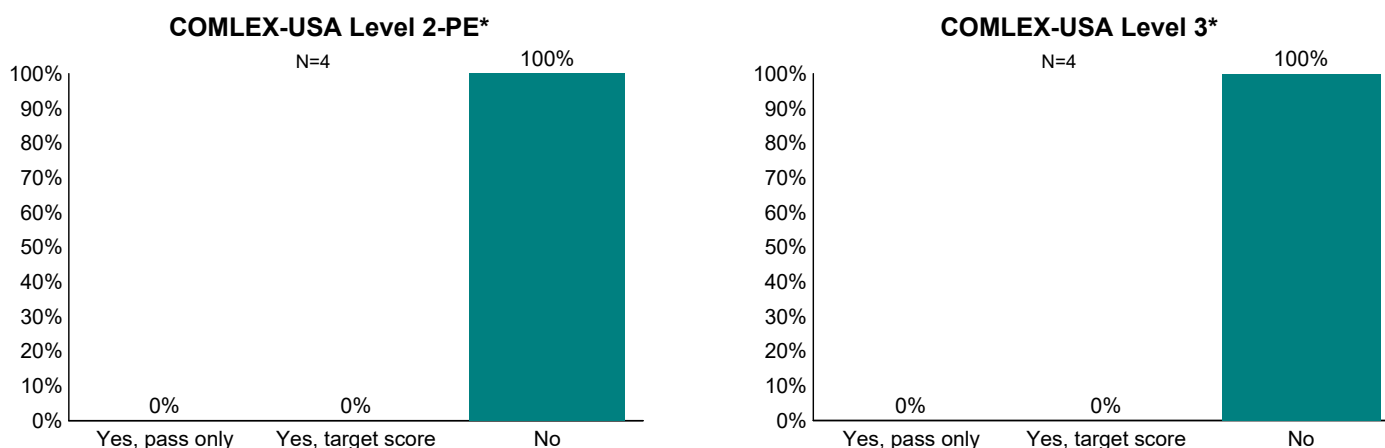
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Reproductive Endocrinology Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

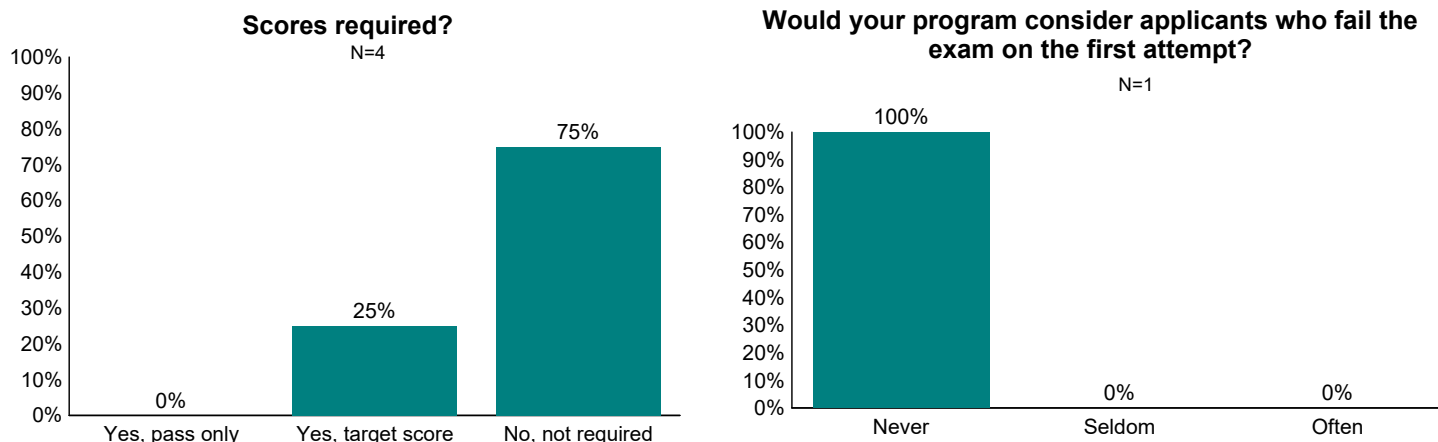


Figure-6

Reproductive Endocrinology Programs Positions

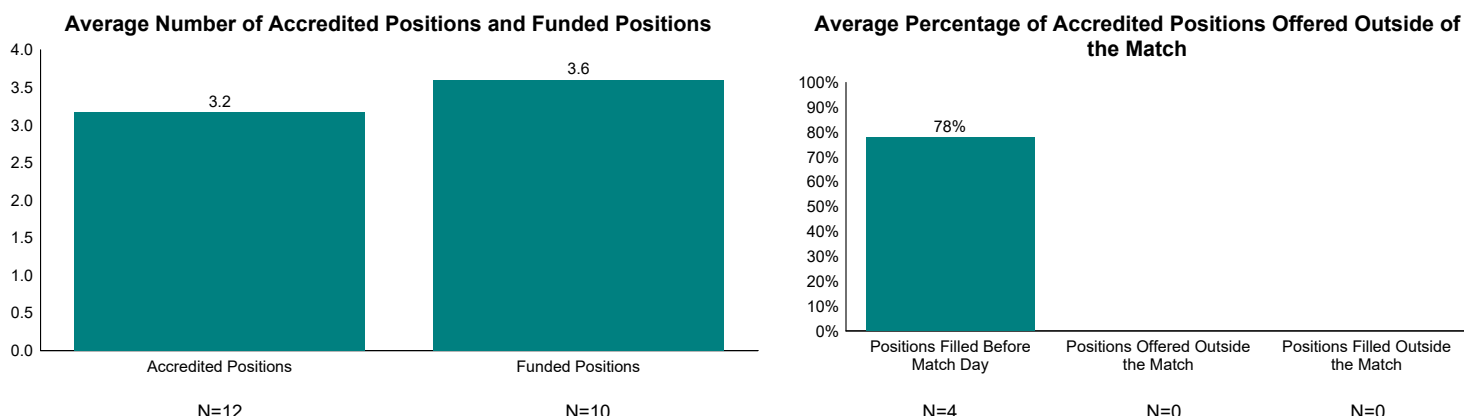
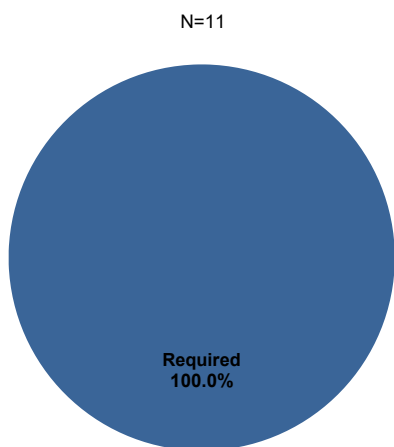


Figure-7

Reproductive Endocrinology Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

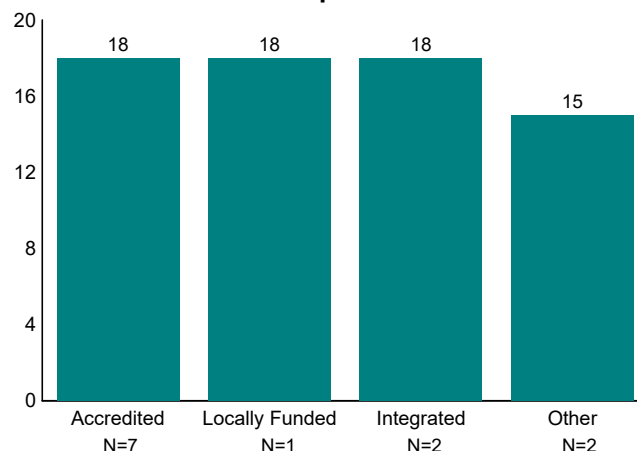
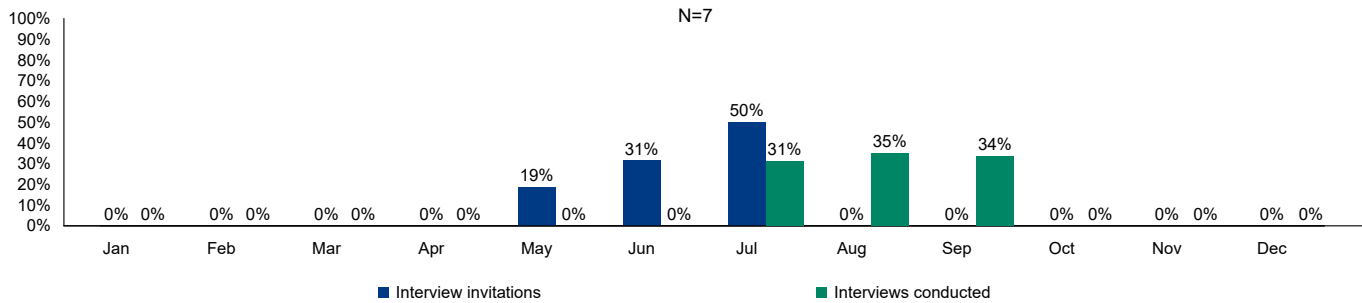


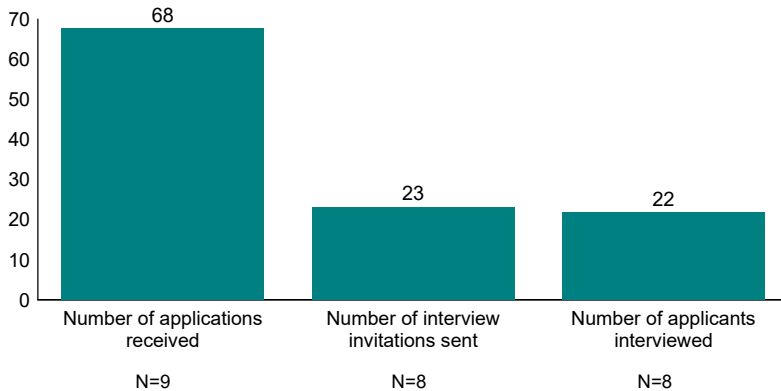
Figure-8

Reproductive Endocrinology Program's Interview Activities

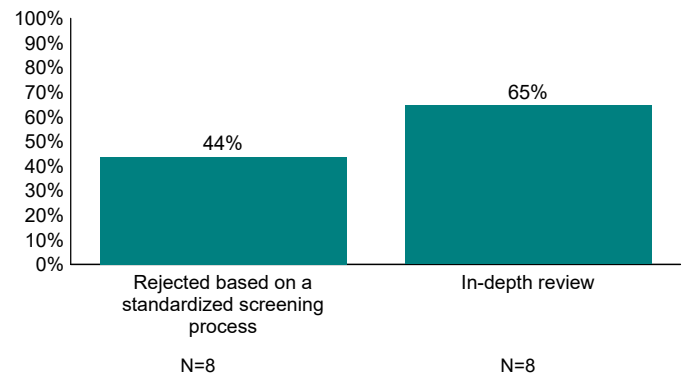
Interview Invitations Sent and Interviews Conducted



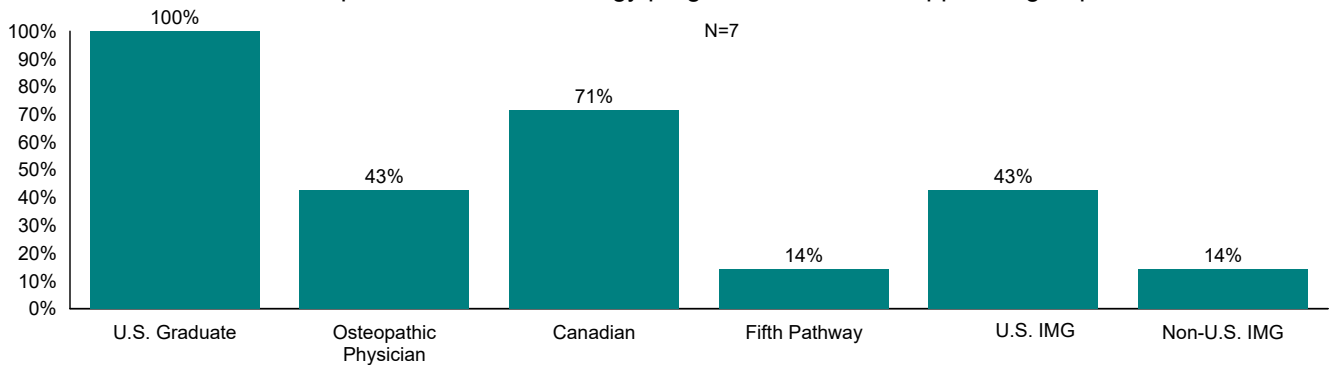
Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked



Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type
14% of Reproductive Endocrinology programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

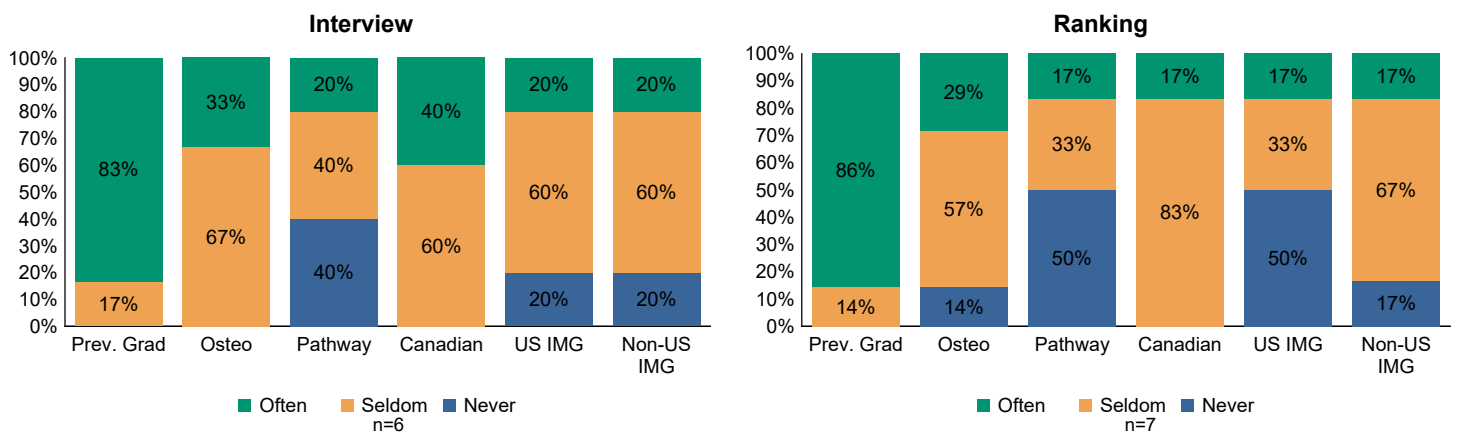


Figure-9

**Reproductive Endocrinology
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=6

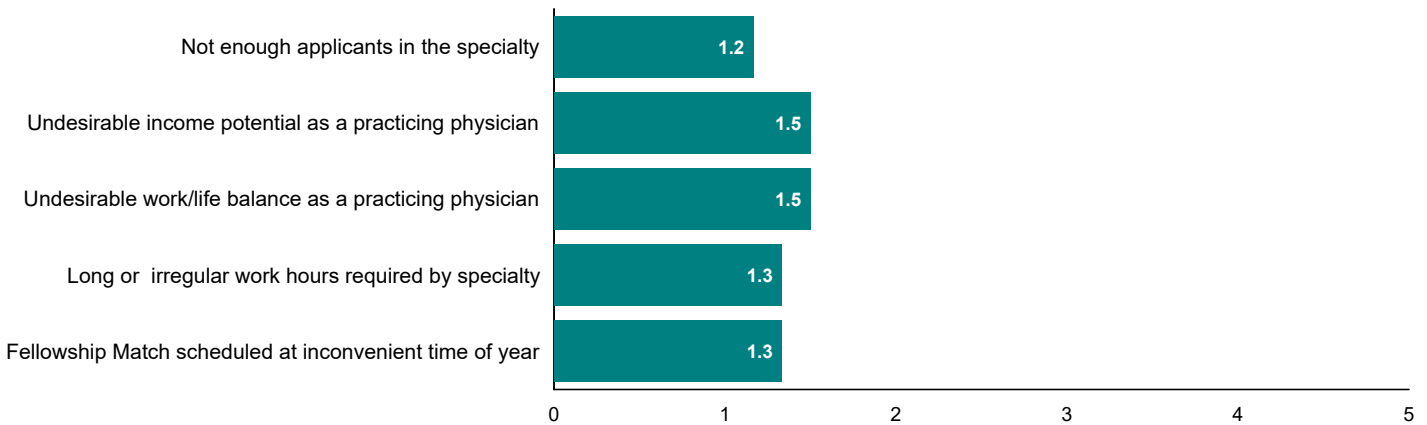


Figure-10

**Reproductive Endocrinology
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=6

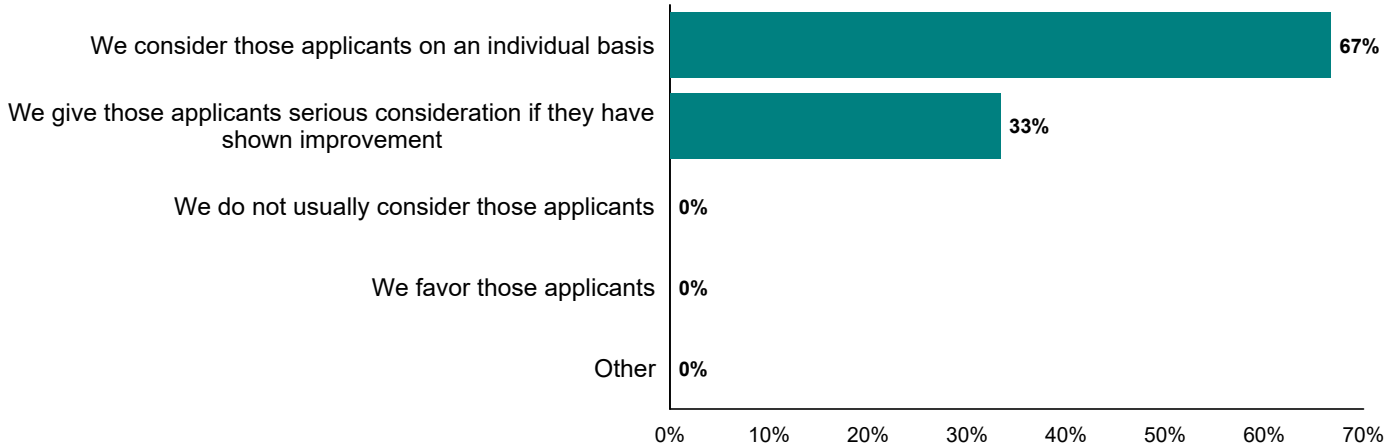
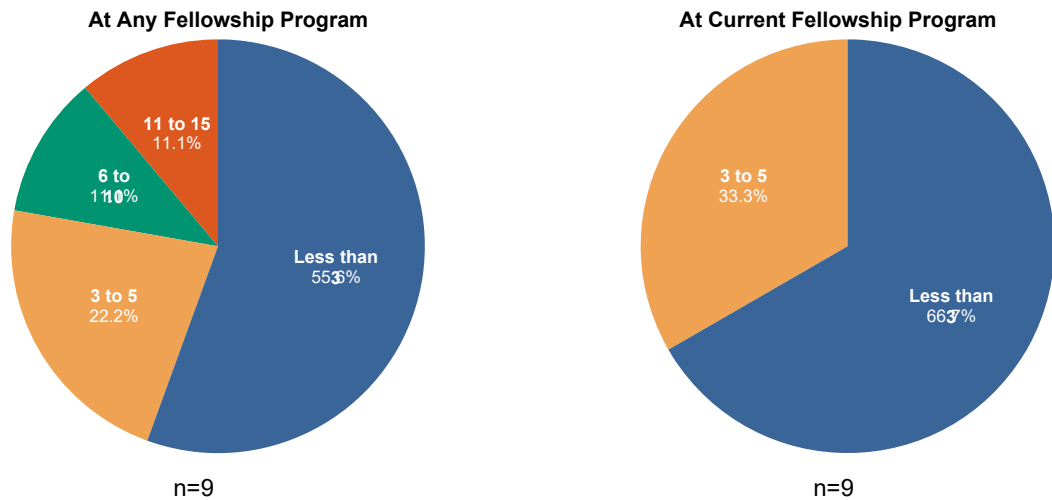


Figure-11

**Reproductive Endocrinology
Years as Program Director**





Rheumatology

2016 Survey

Number of responses	52
Response rate	48.1%

Match Information*

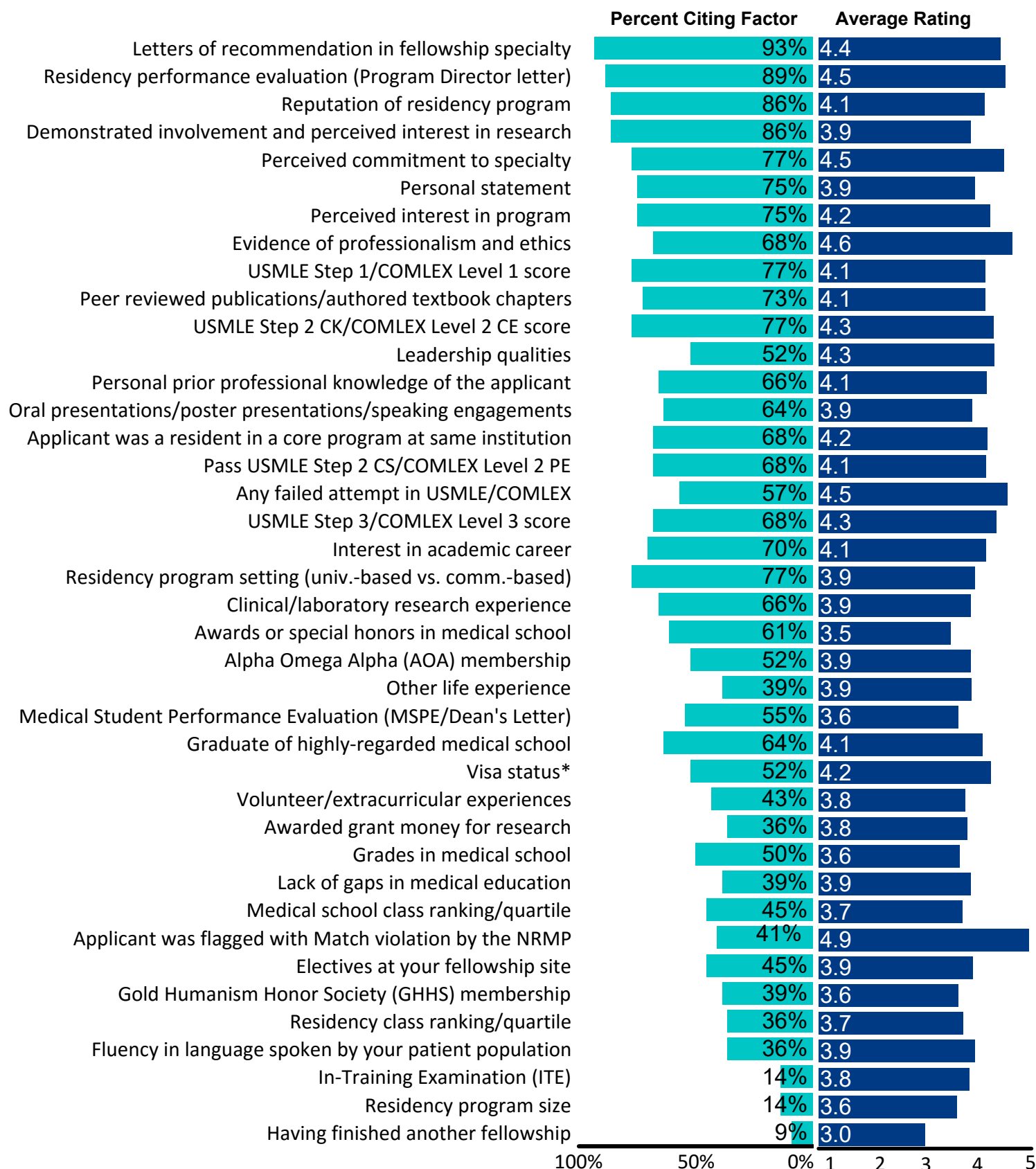
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	108	107	106
Number of positions in the Match	215	209	206
Number of applicants ranking specialty	304	245	230

* Source: NRMP Data Warehouse

Figure-1

Rheumatology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=44)



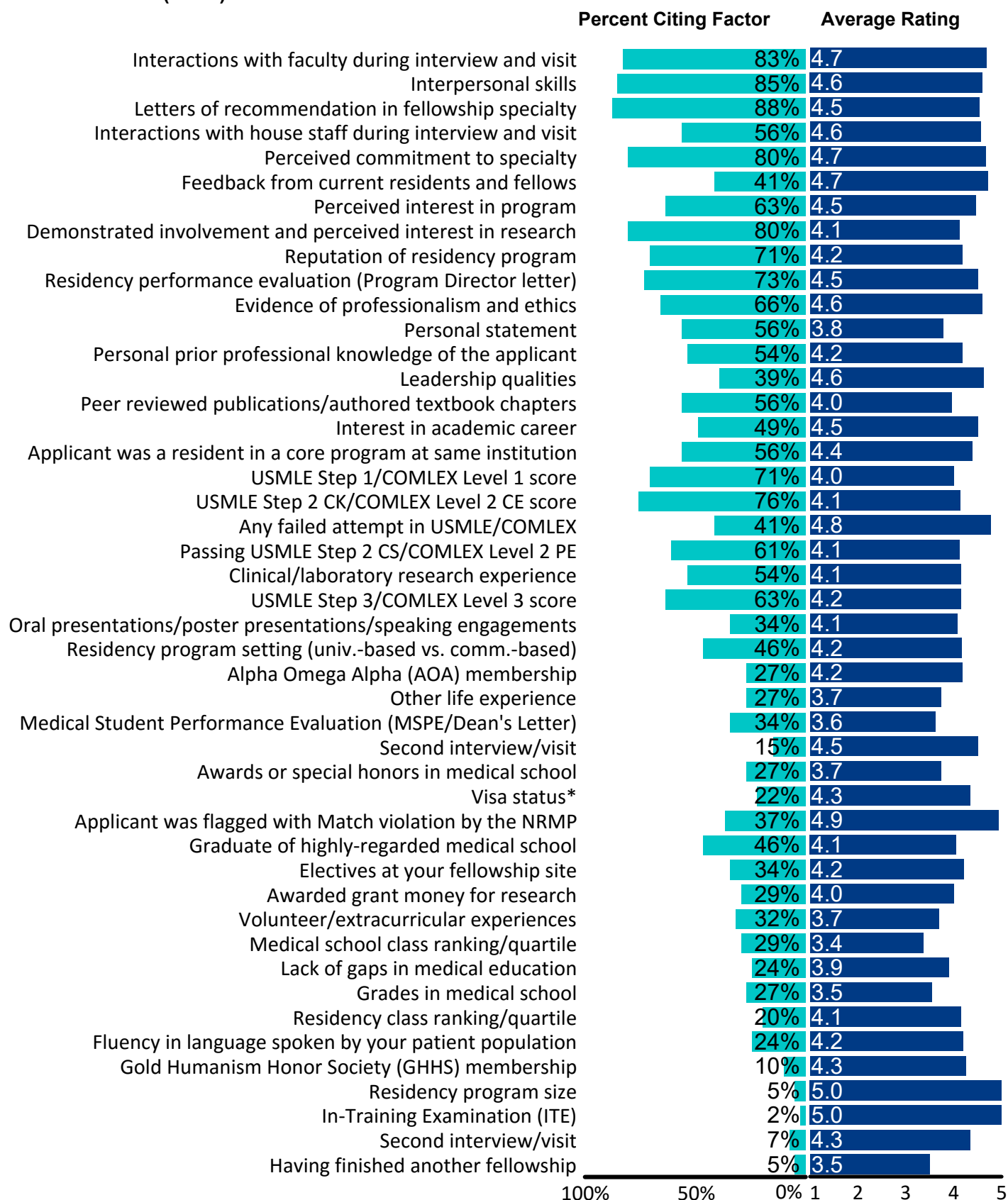
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

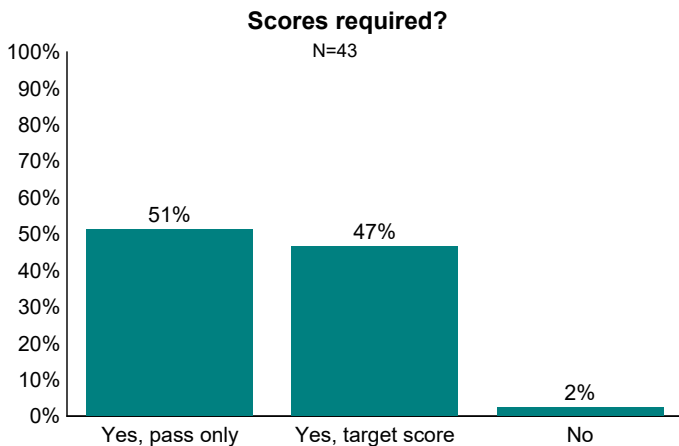
Rheumatology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=44)

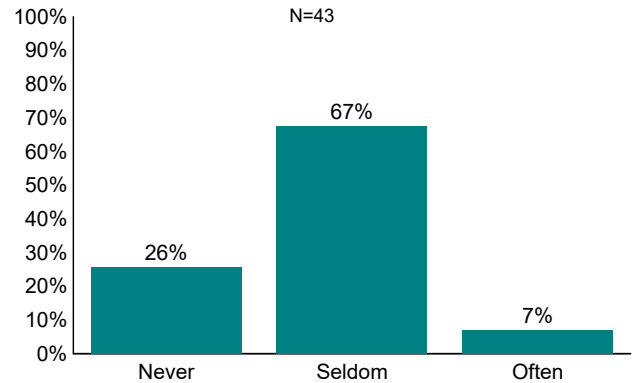


¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

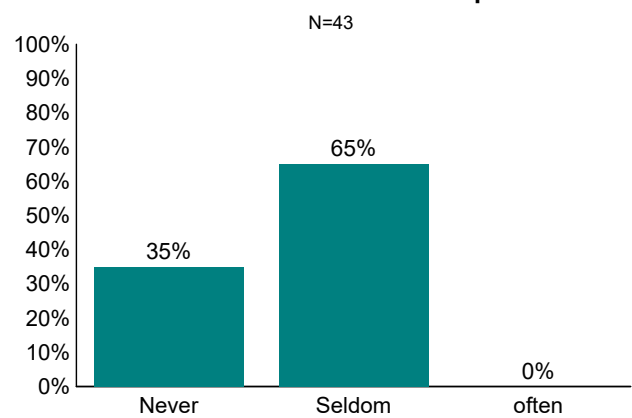
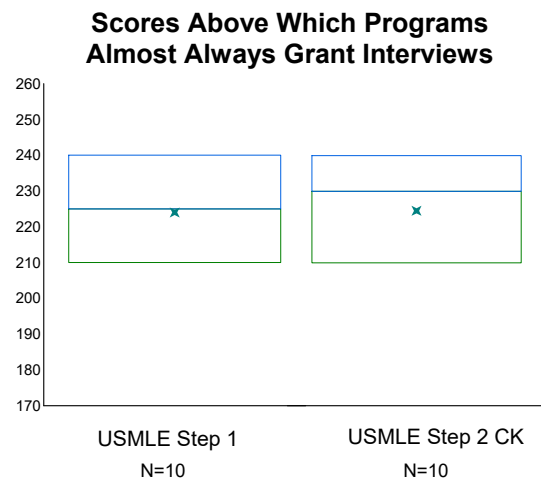
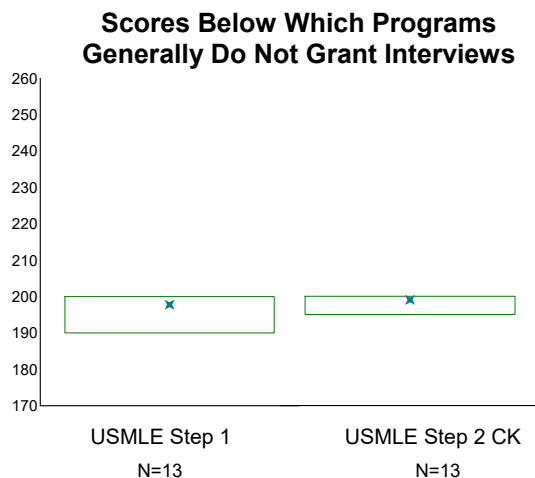
* International Medical Graduates only

Figure-3**Rheumatology****Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When Considering Which Applicants to Interview****Percentage of Programs That Use USMLE Step 1 Score**

Would your program consider applicants who fail the exam on the first attempt?
N=43

**Percentage of Programs That Use USMLE Step 2 (CK) Score**

Would your program consider applicants who fail the exam on the first attempt?
N=43

**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs Consider When Granting Interviews**

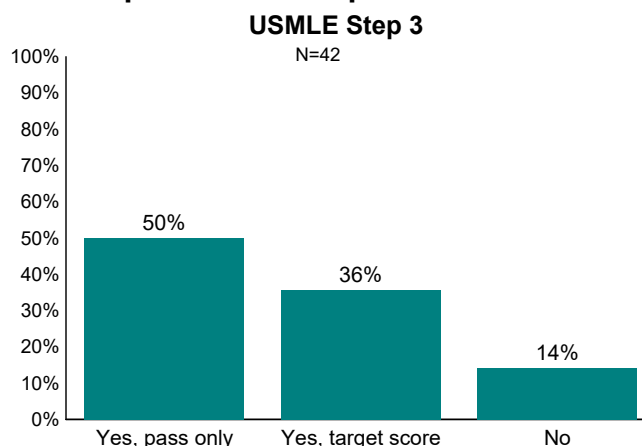
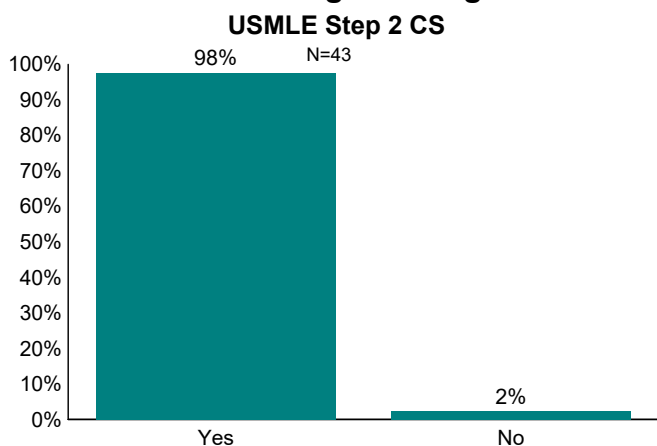
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

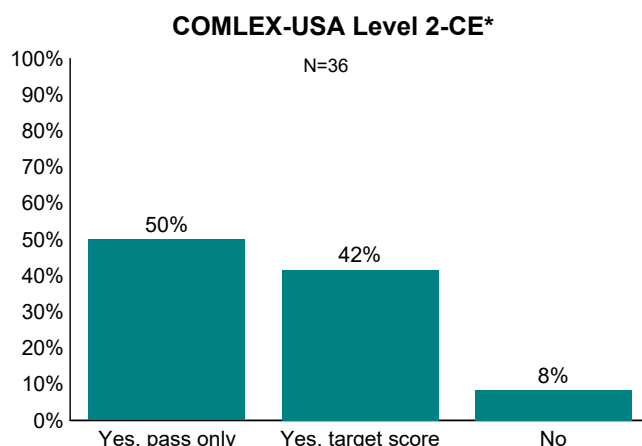
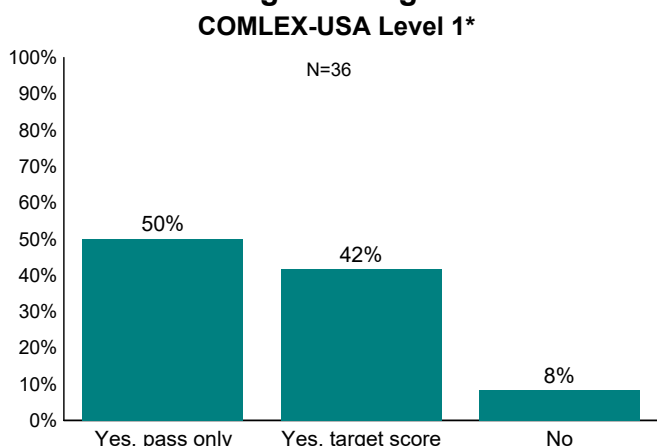
Rheumatology

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

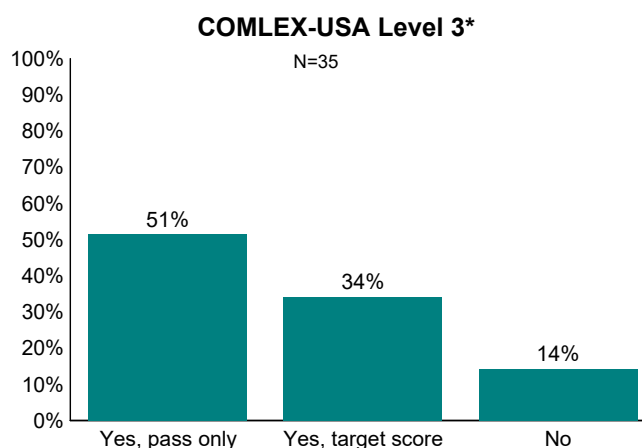
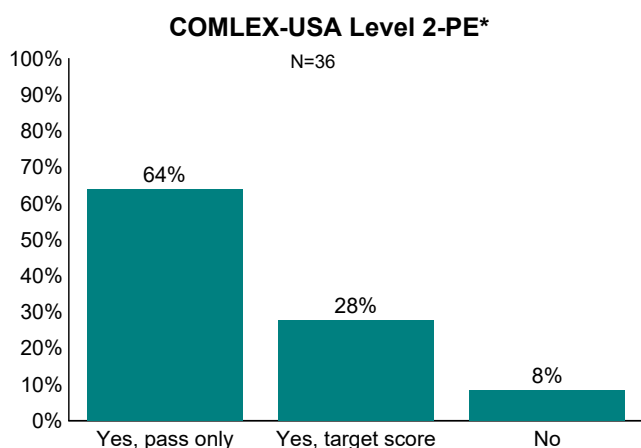
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Rheumatology Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

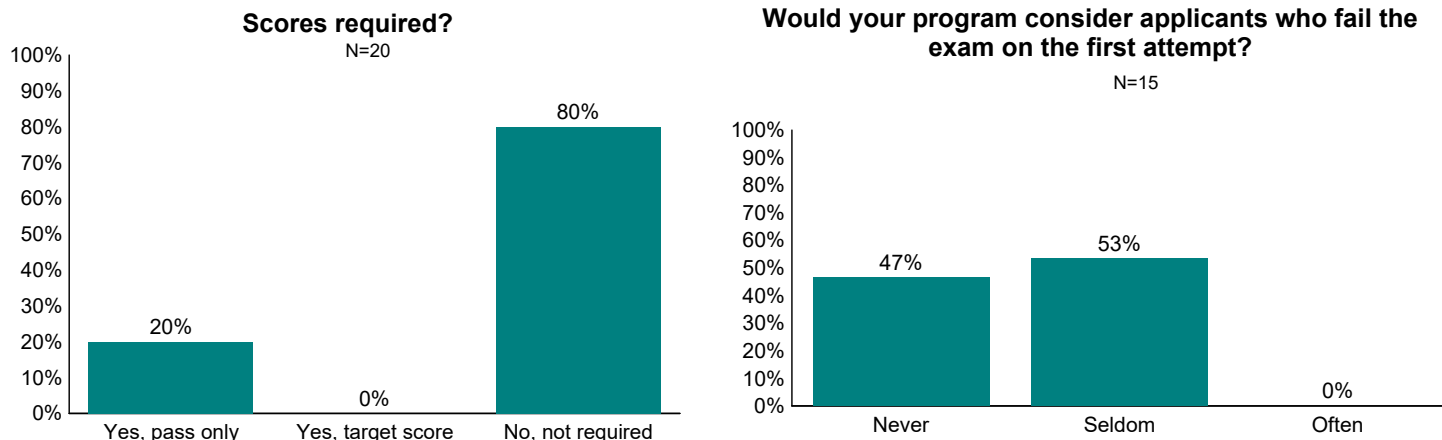


Figure-6

Rheumatology Programs Positions

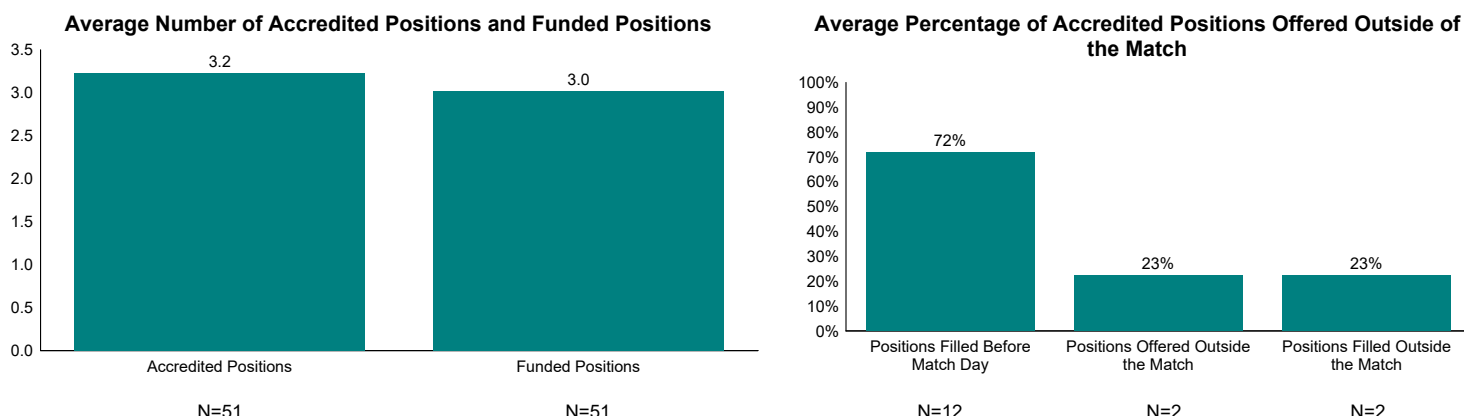
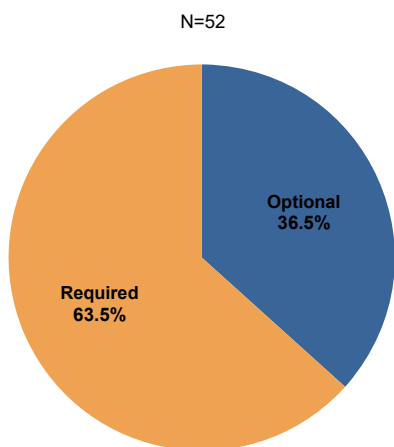


Figure-7

Rheumatology Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

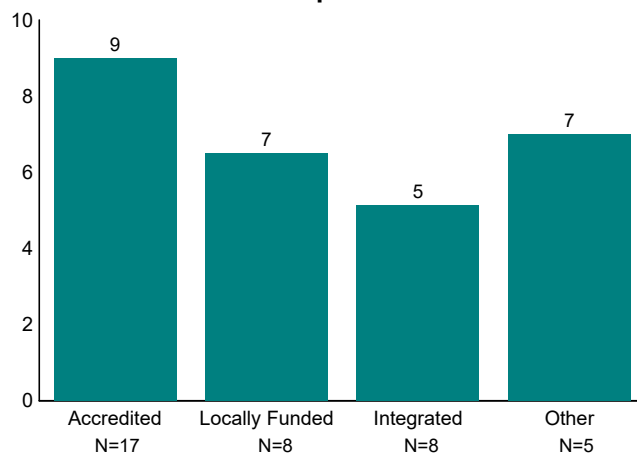
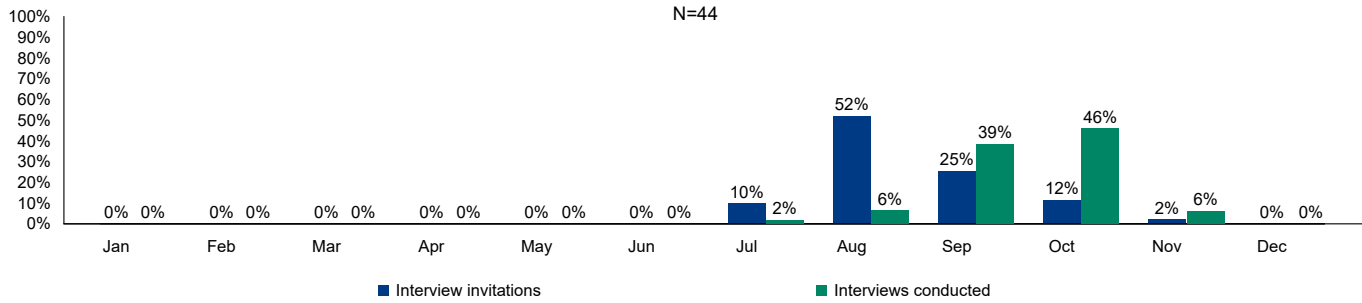


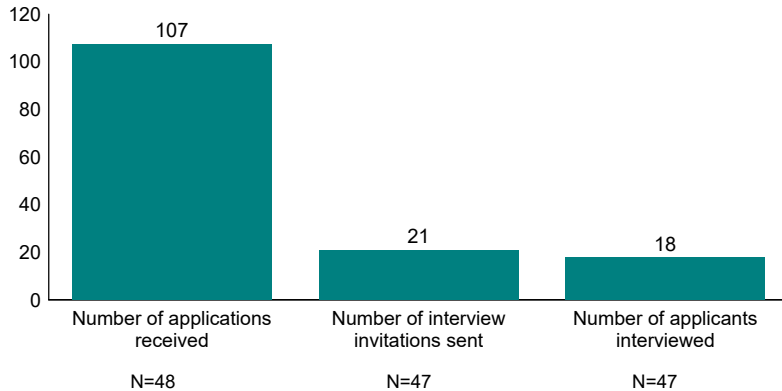
Figure-8

Rheumatology Program's Interview Activities

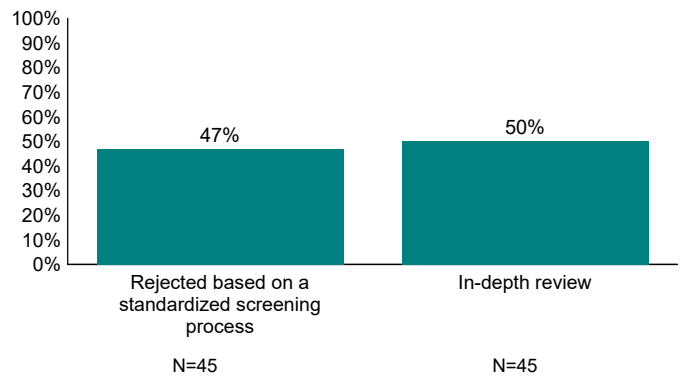
Interview Invitations Sent and Interviews Conducted



Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked

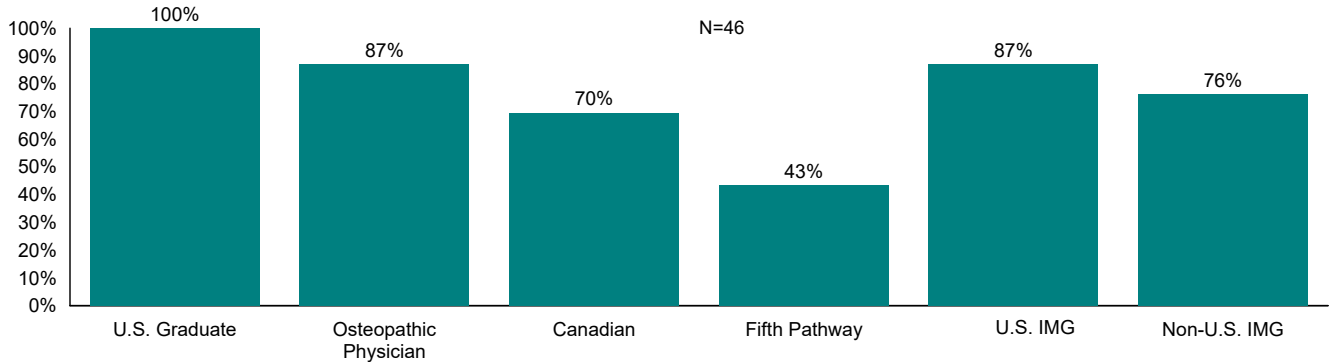


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

43% of Rheumatology programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

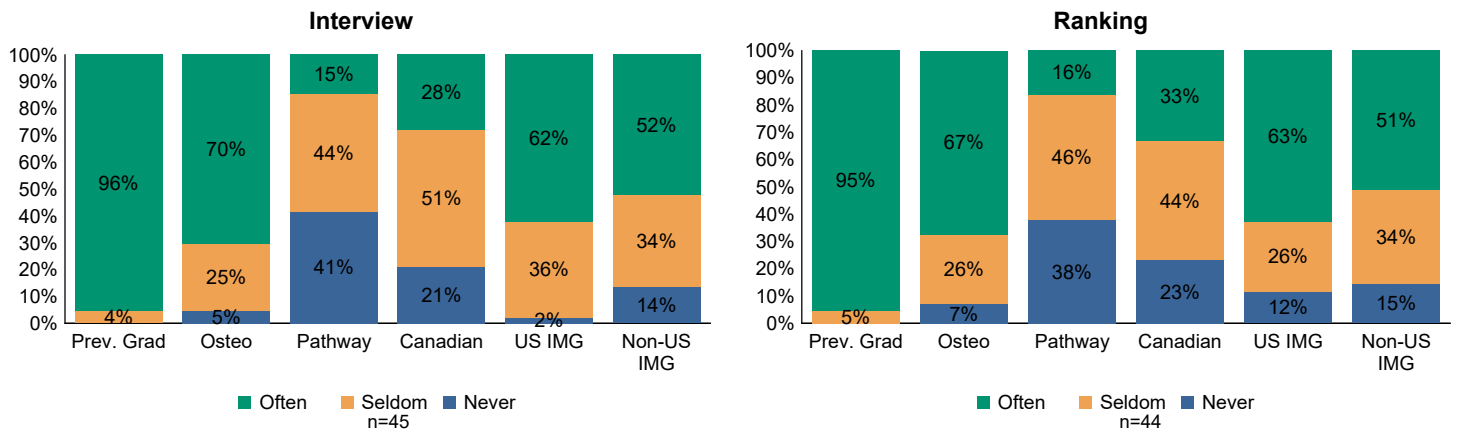


Figure-9

Rheumatology Potential Challenges in Recruiting Applicants to Your Specialty

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=39

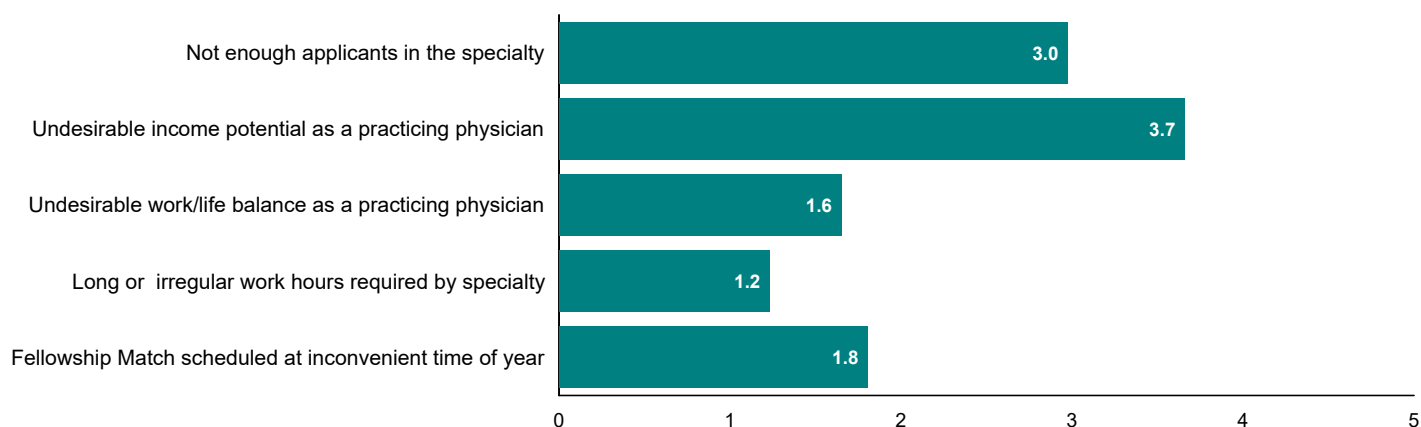


Figure-10

Rheumatology Applicants Who Applied in the Specialty in the Past But Did Not Match

n=41

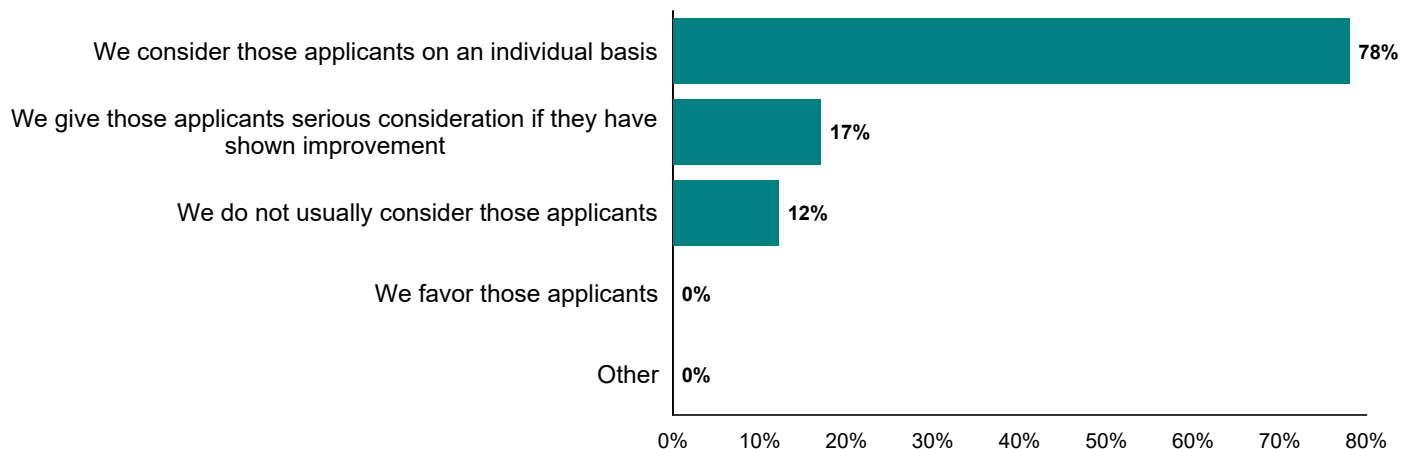
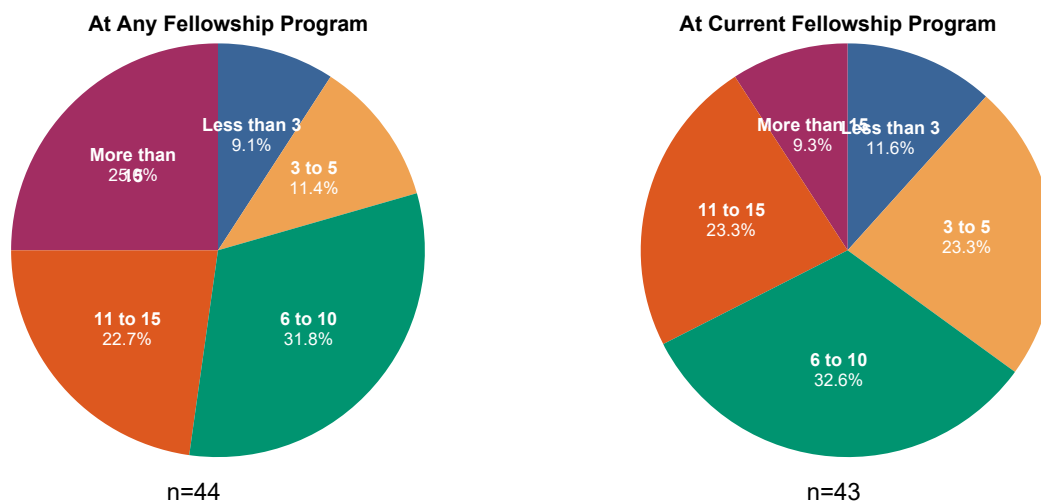


Figure-11

Rheumatology Years as Program Director





Sleep Medicine

2016 Survey

Number of responses	26
Response rate	38.8%

Match Information*

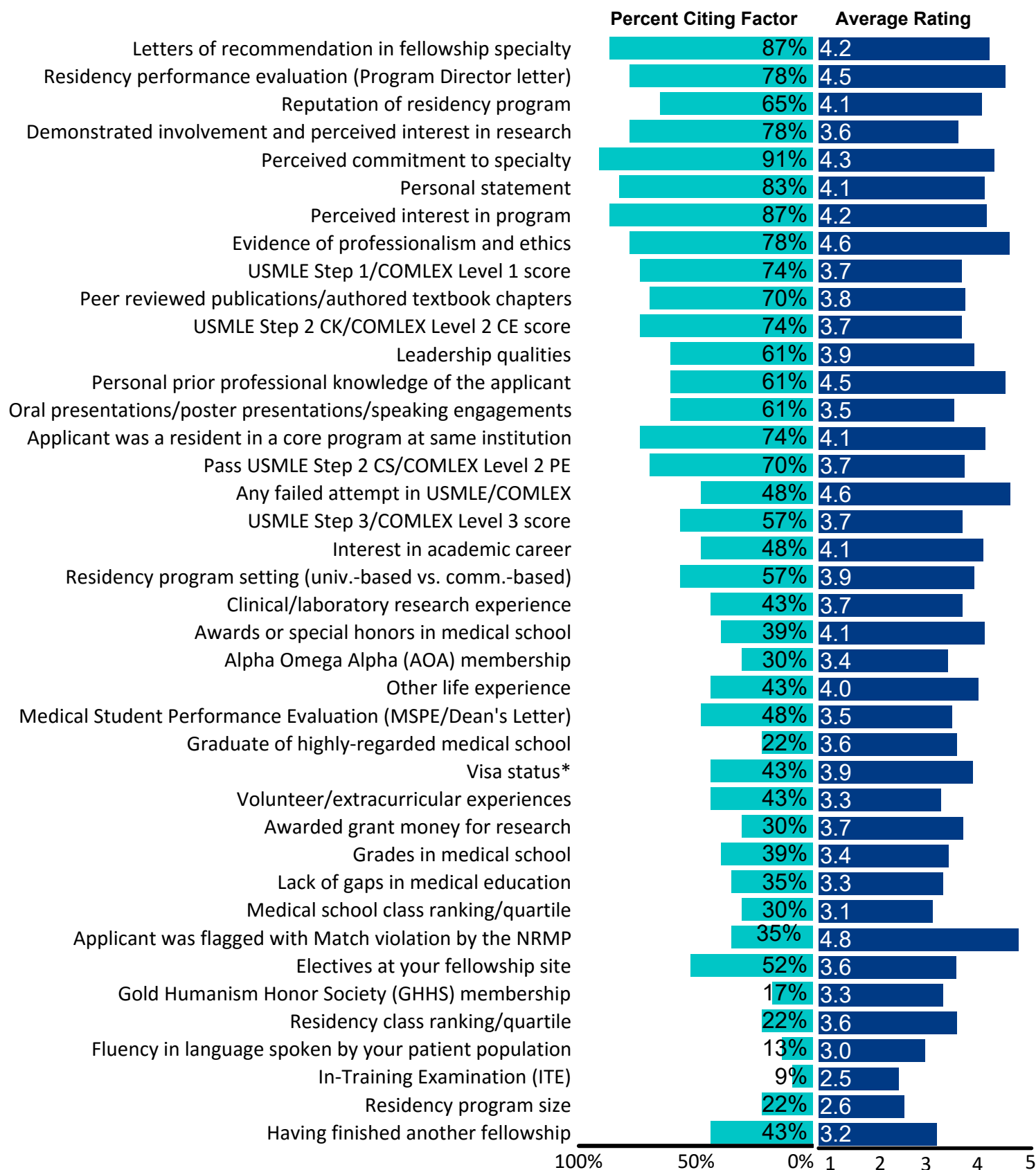
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	72	70	69
Number of positions in the Match	142	130	133
Number of applicants ranking specialty	127	102	105

* Source: NRMP Data Warehouse

Figure-1

Sleep Medicine

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=23)



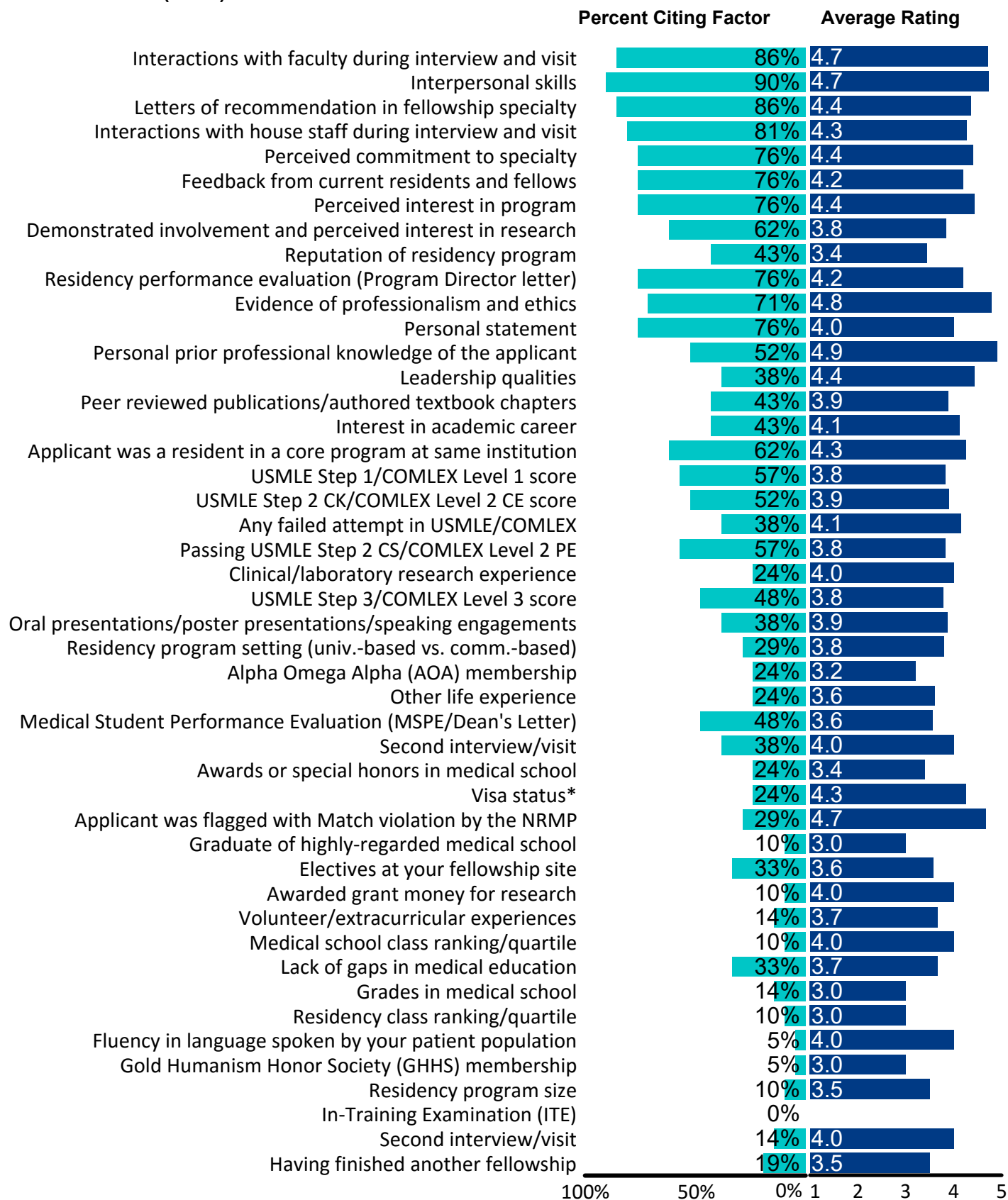
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Sleep Medicine

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=23)



¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

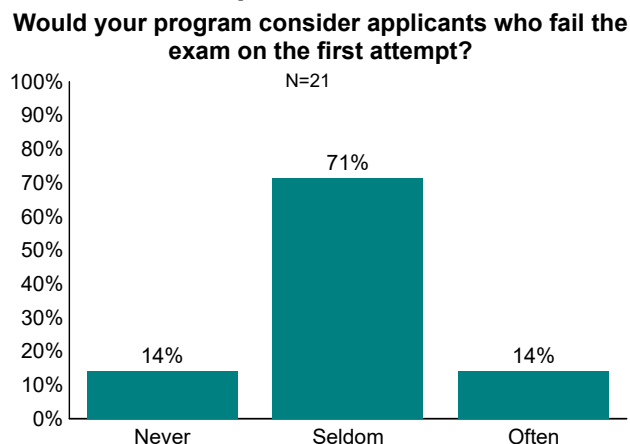
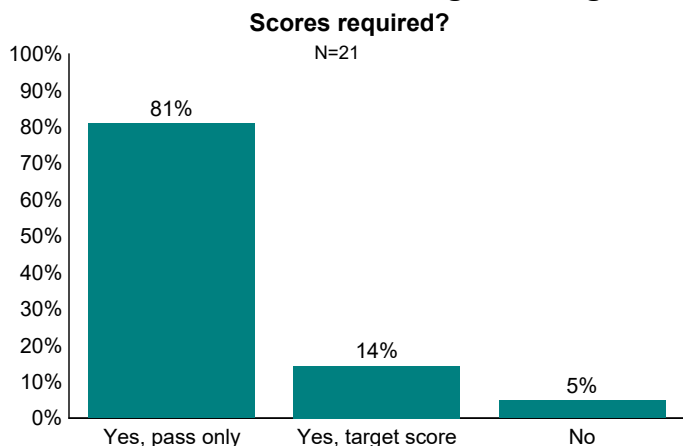
* International Medical Graduates only

Figure-3

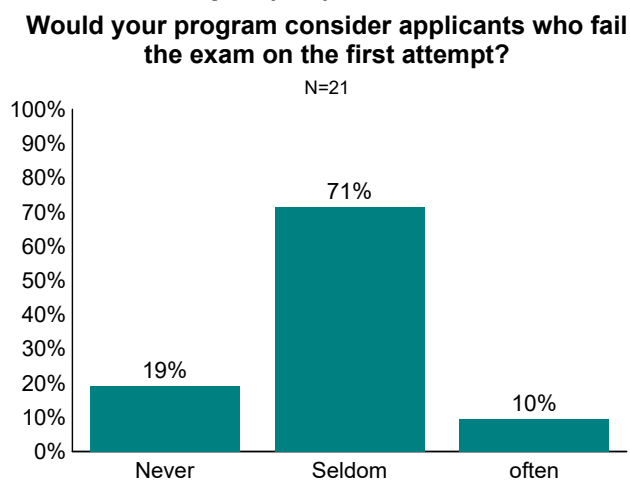
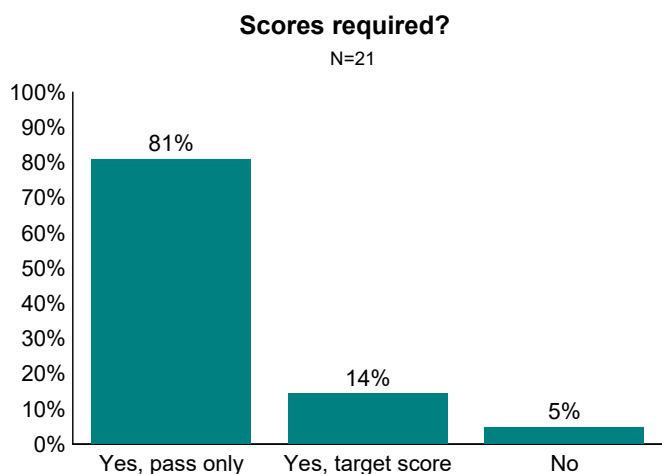
Sleep Medicine

Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When Considering Which Applicants to Interview

Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs Consider When Granting Interviews

Scores Below Which Programs Generally Do Not Grant Interviews

USMLE Step 1 not reported because of low response rate

USMLE Step 2 CK not reported because of low response rate

Scores Above Which Programs Almost Always Grant Interviews

USMLE Step 1 not reported because of low response rate

USMLE Step 2 CK not reported because of low response rate

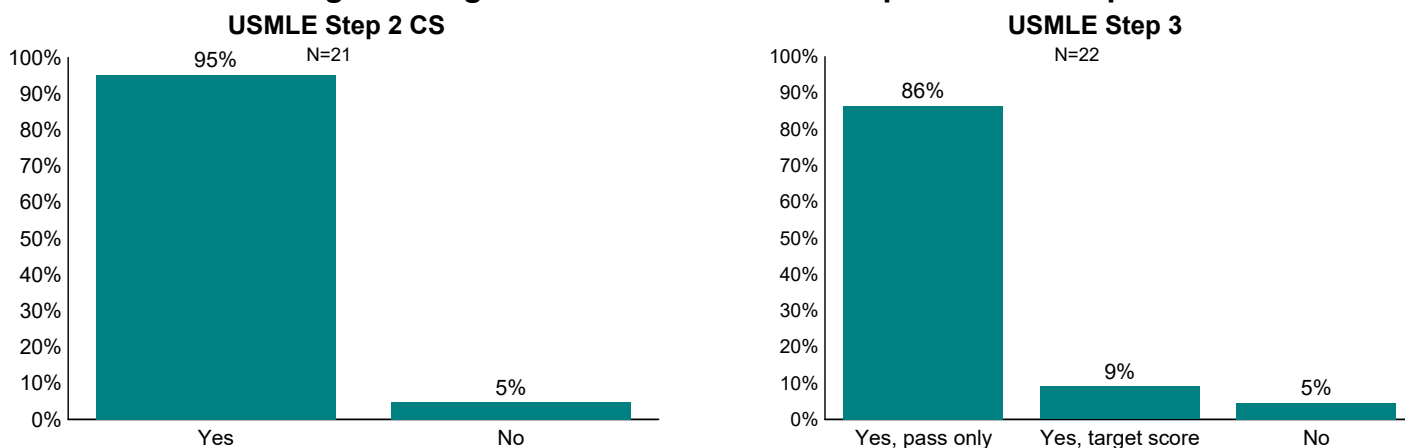
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

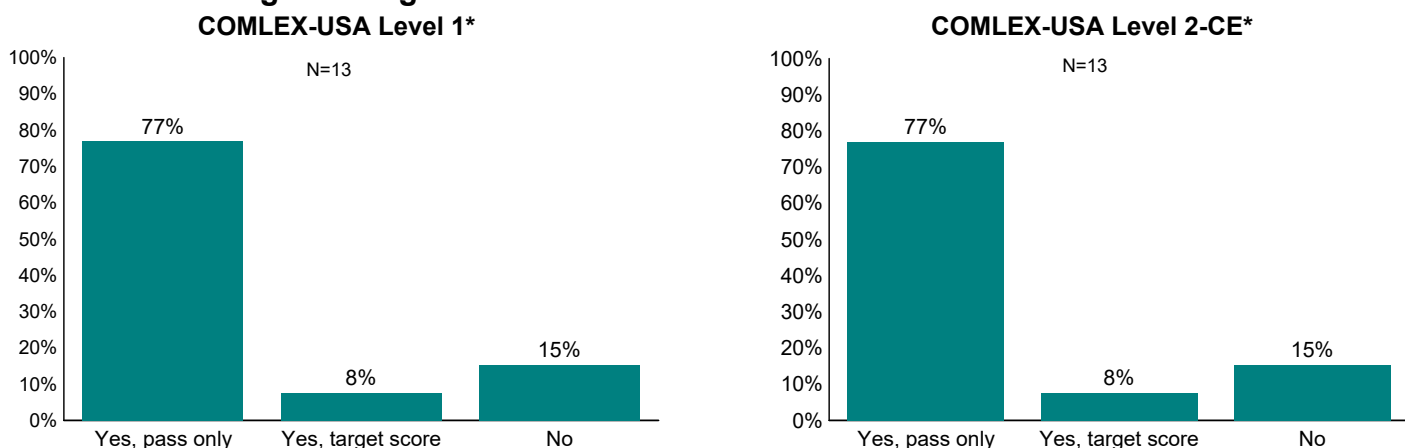
Sleep Medicine

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

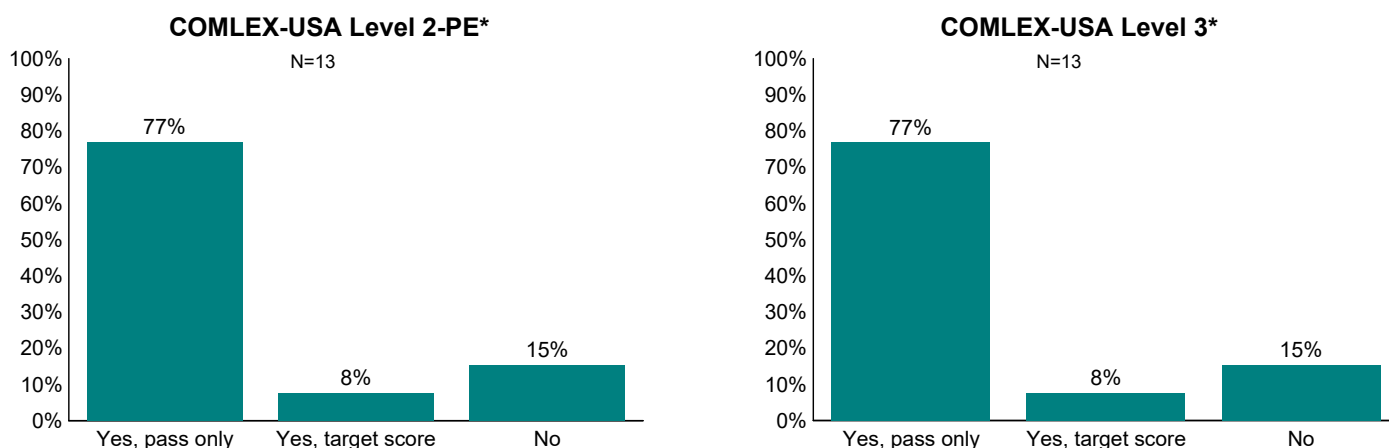
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Sleep Medicine Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

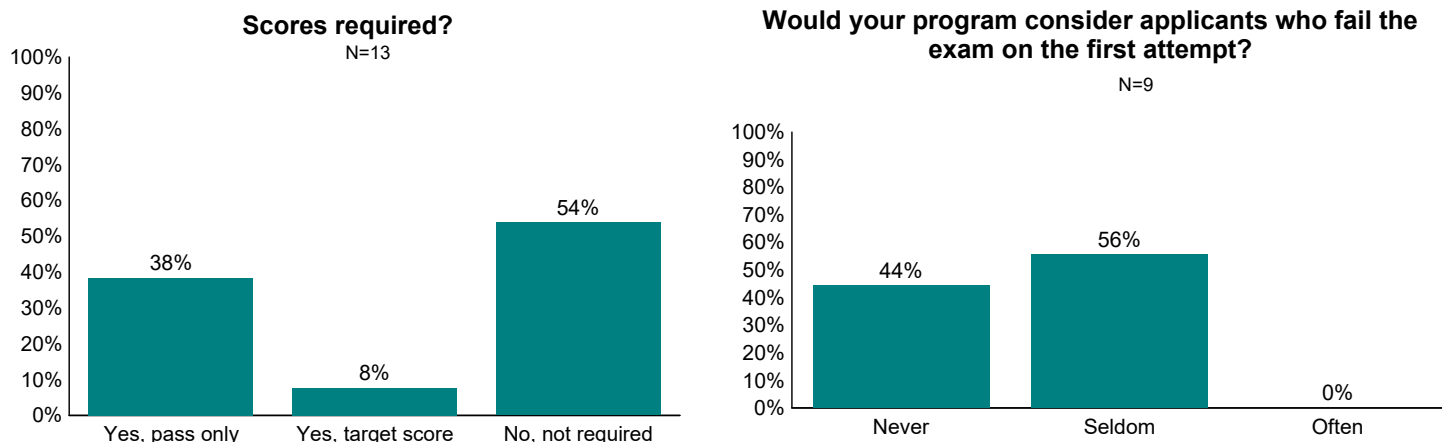


Figure-6

Sleep Medicine Programs Positions

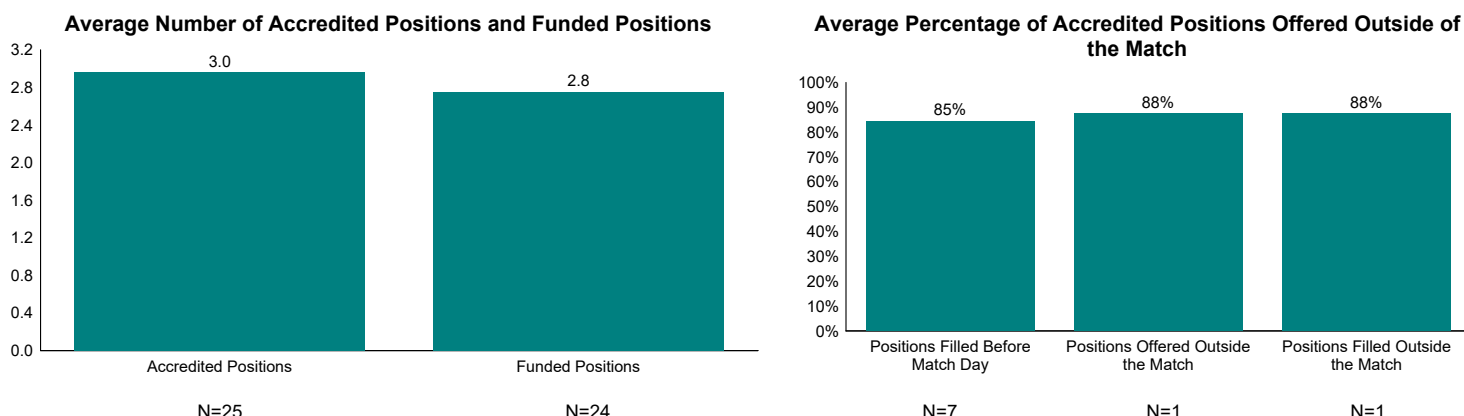
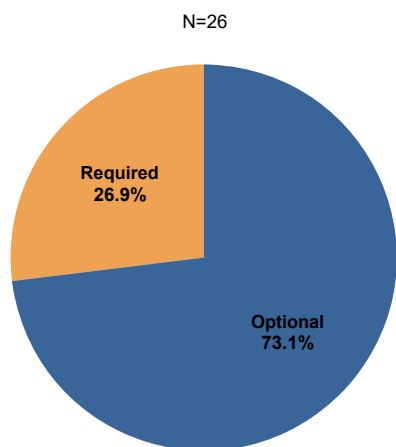


Figure-7

Sleep Medicine Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

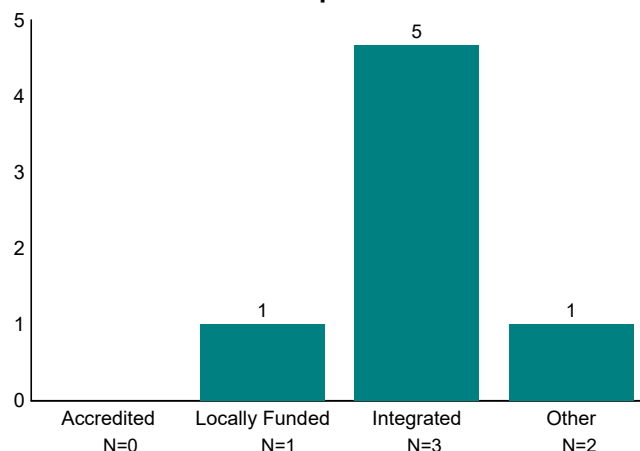
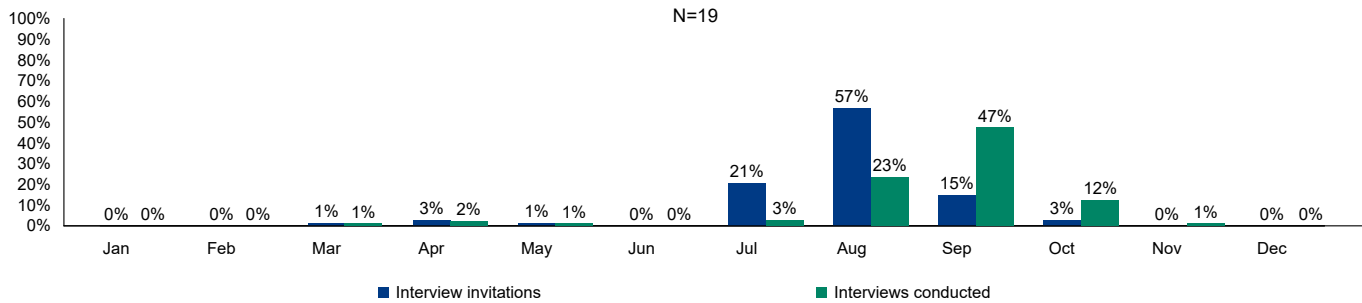


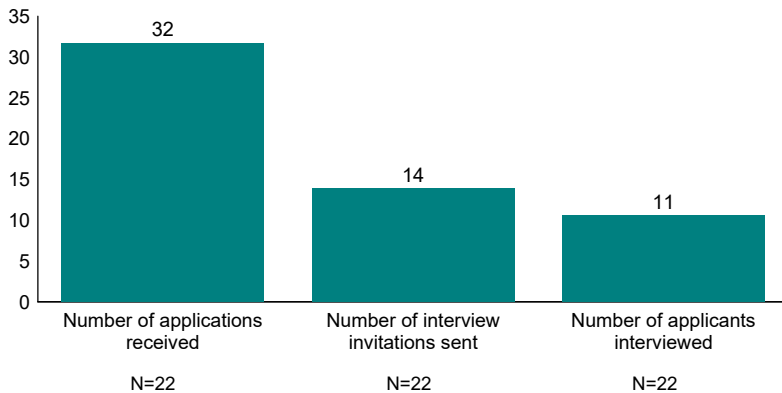
Figure-8

Sleep Medicine Program's Interview Activities

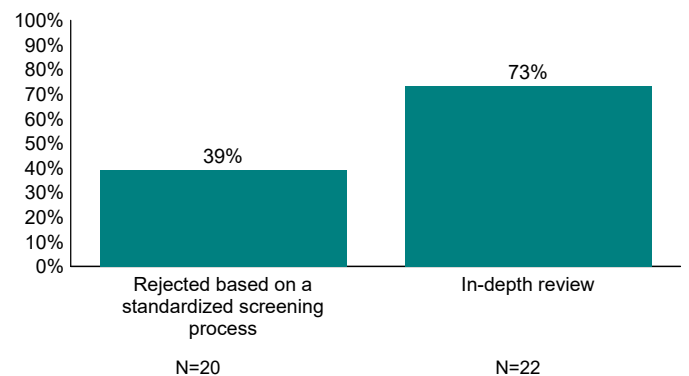
Interview Invitations Sent and Interviews Conducted



Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked

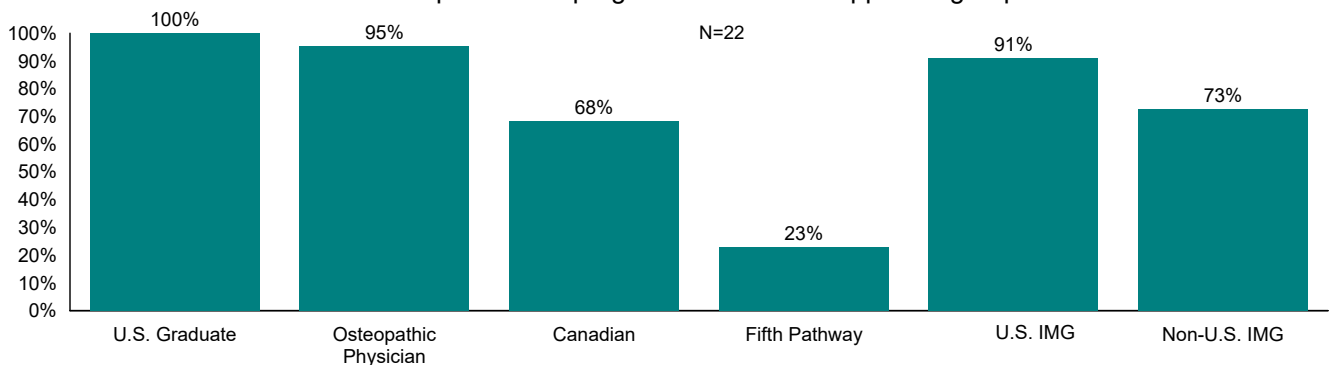


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

23% of Sleep Medicine programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

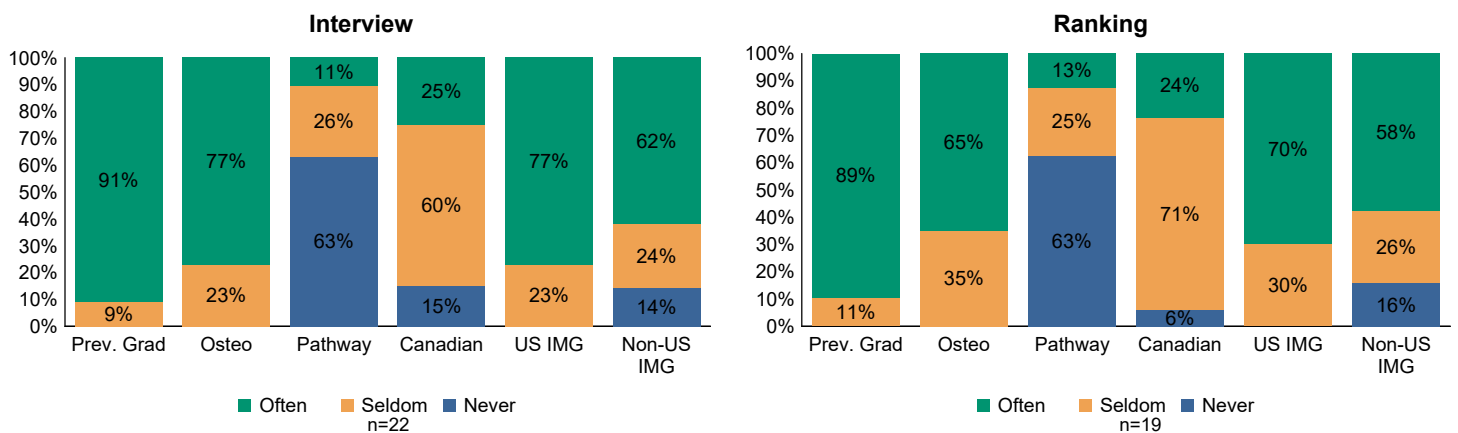


Figure-9

**Sleep Medicine
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=21

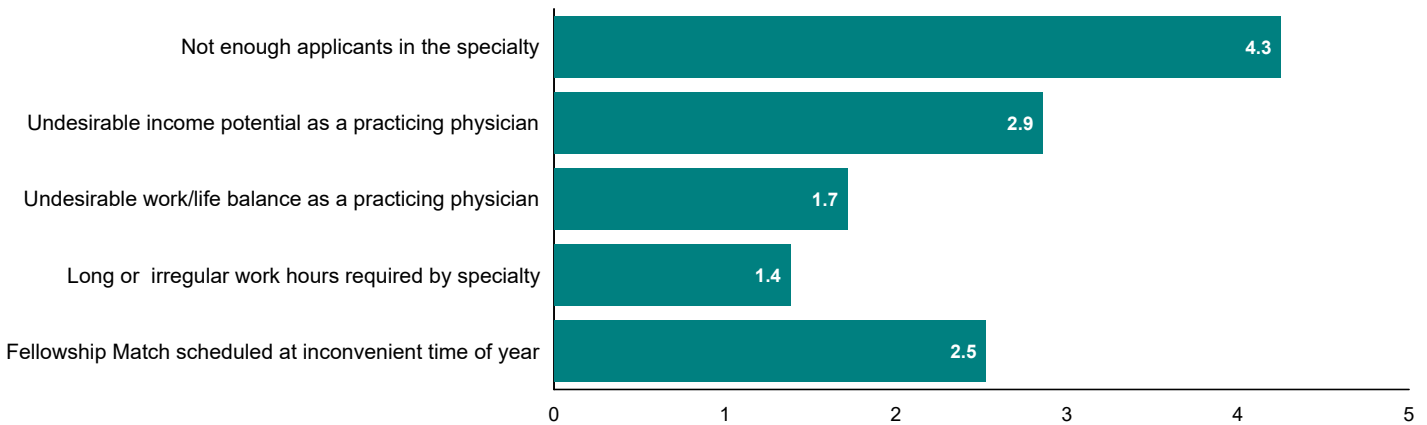


Figure-10

**Sleep Medicine
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=21

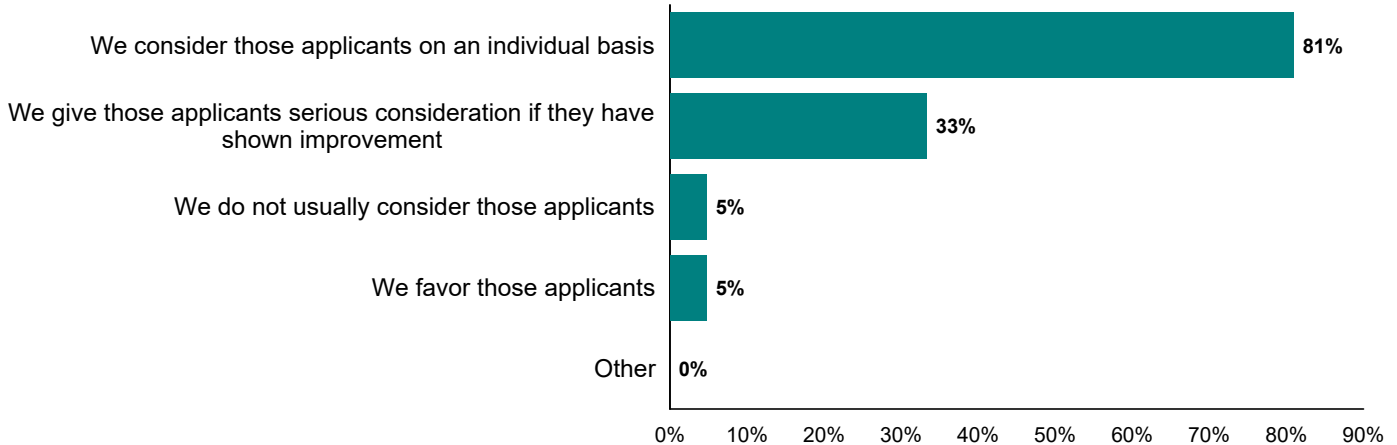
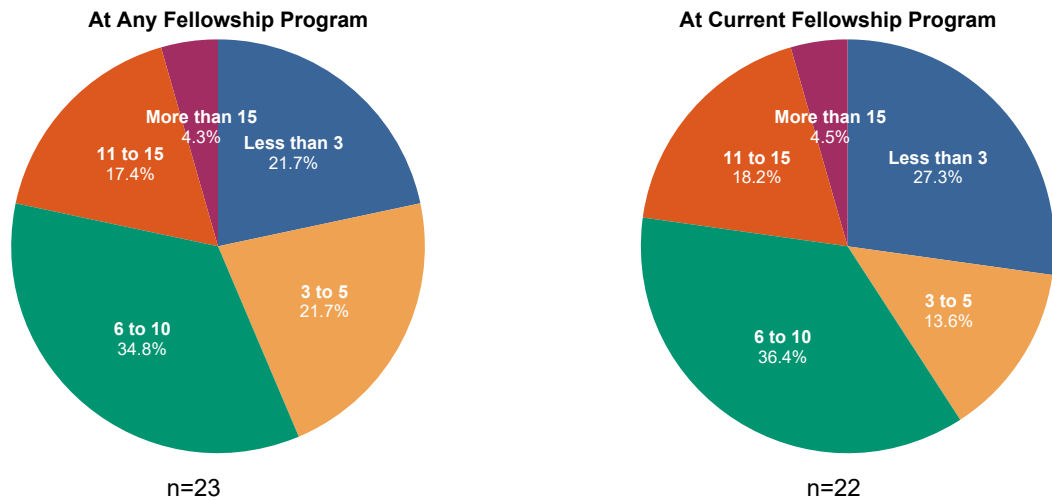


Figure-11

**Sleep Medicine
Years as Program Director**





Sports Medicine

2016 Survey

Number of responses	62
Response rate	43.4%

Match Information*

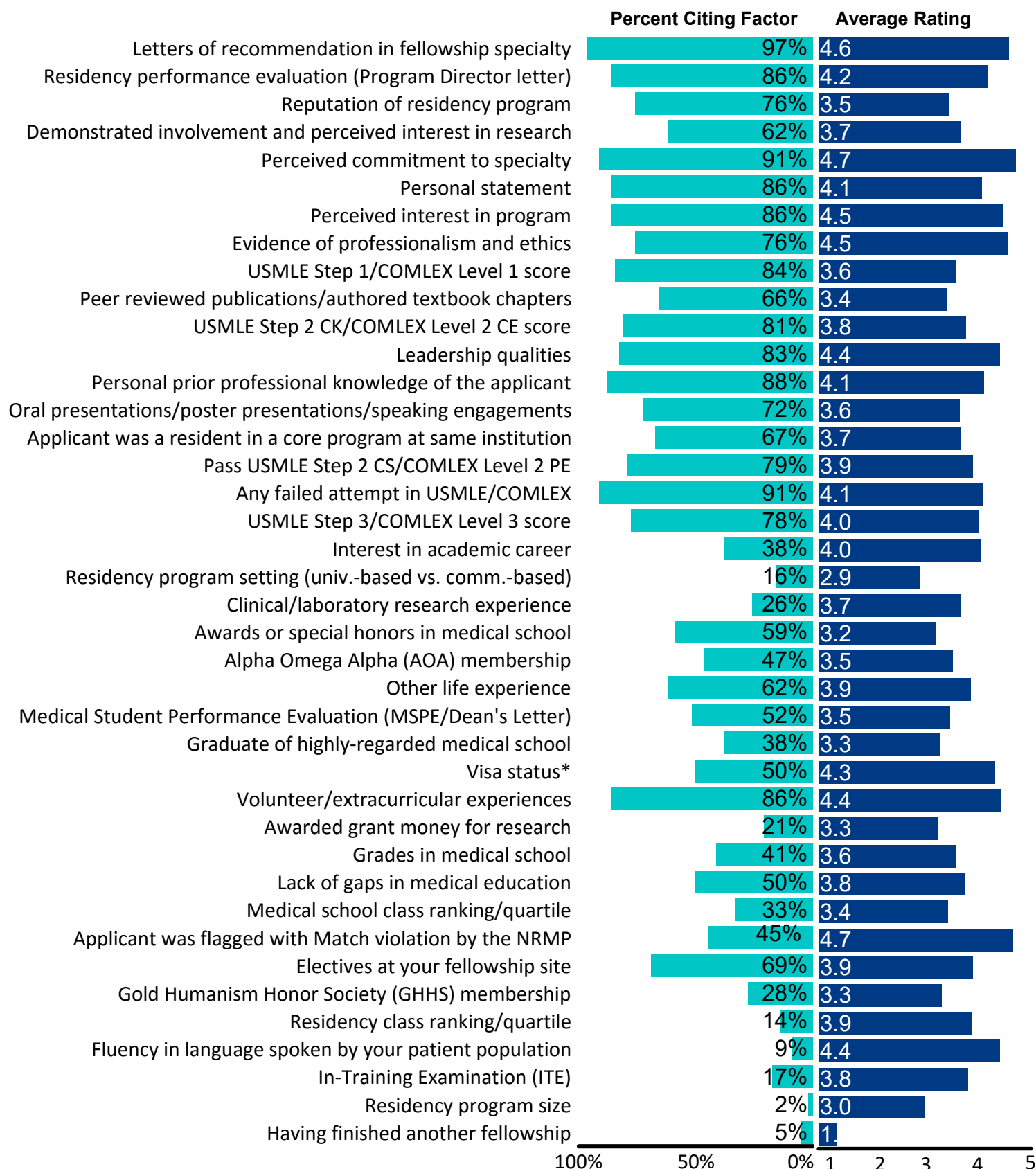
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	158	152	139
Number of positions in the Match	247	236	206
Number of applicants ranking specialty	298	325	286

* Source: NRMP Data Warehouse

Figure-1

Sports Medicine

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=58)



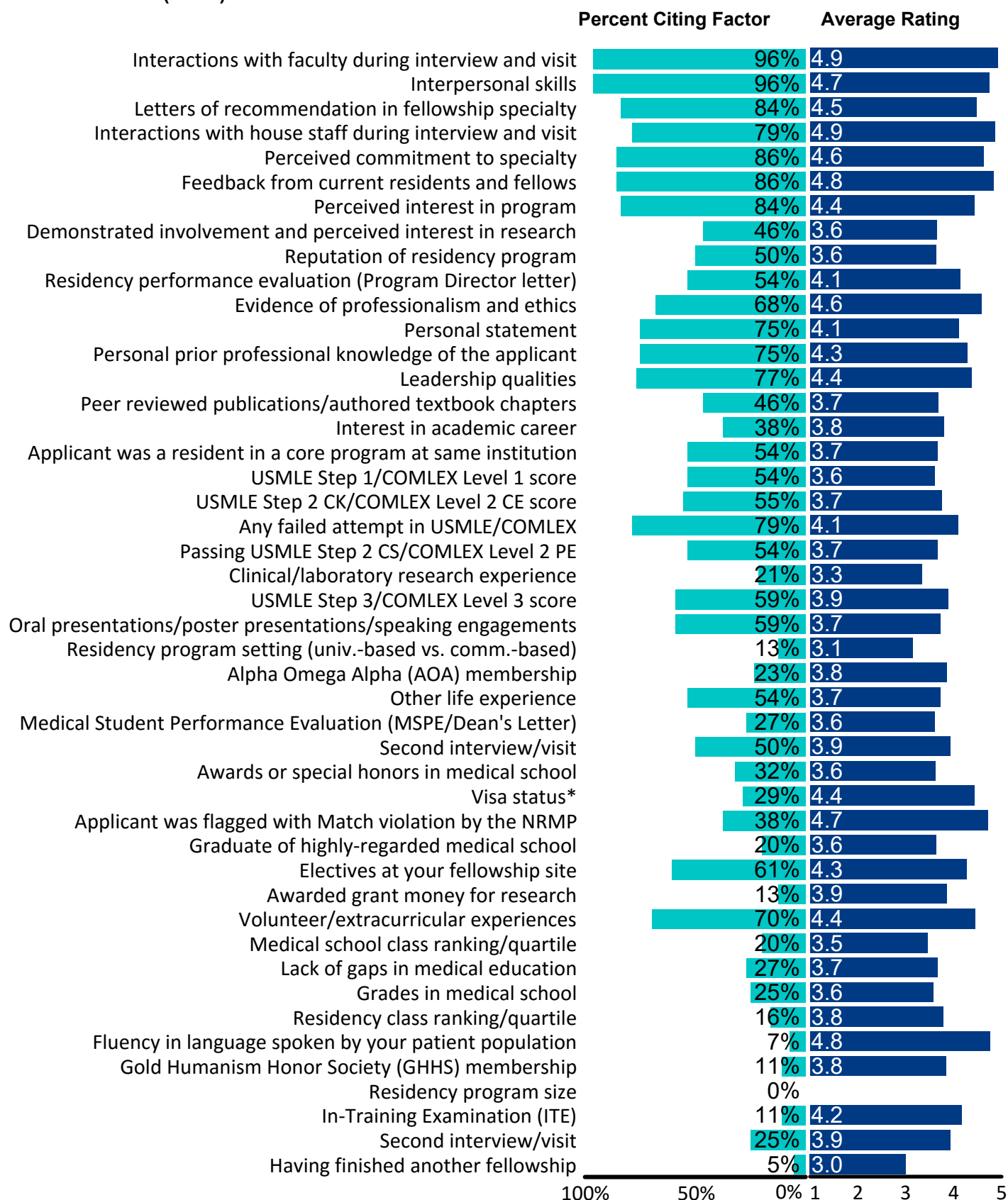
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Sports Medicine

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=58)



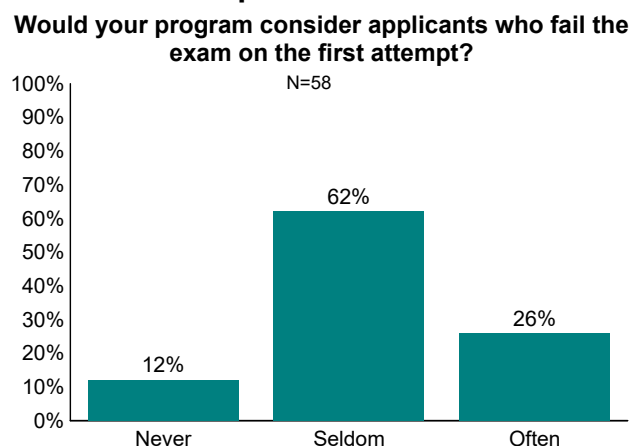
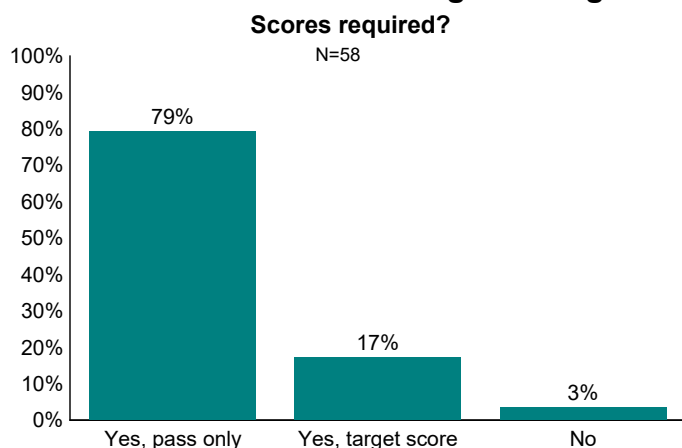
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

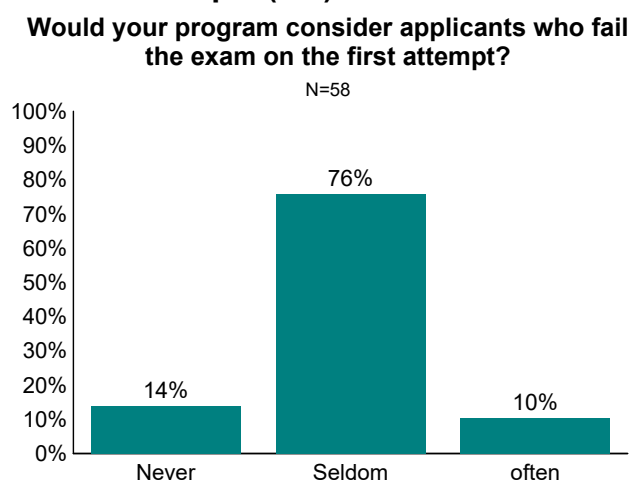
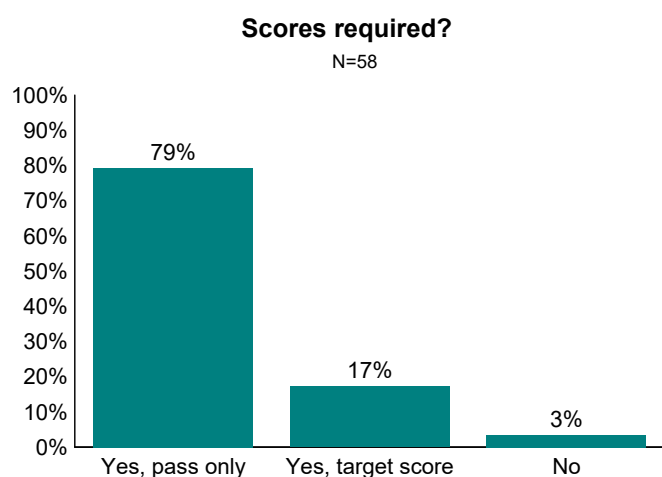
Figure-3

**Sports Medicine
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

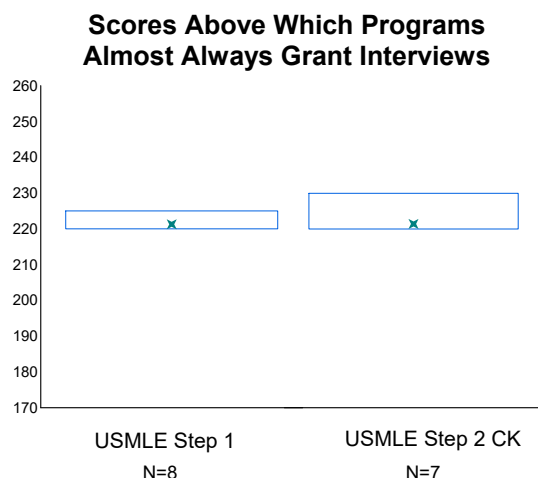
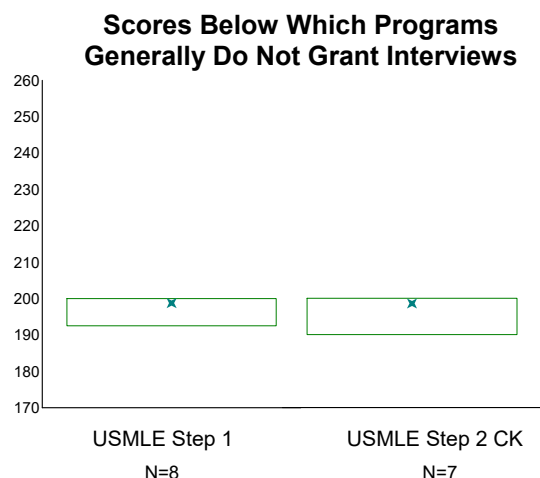
Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**



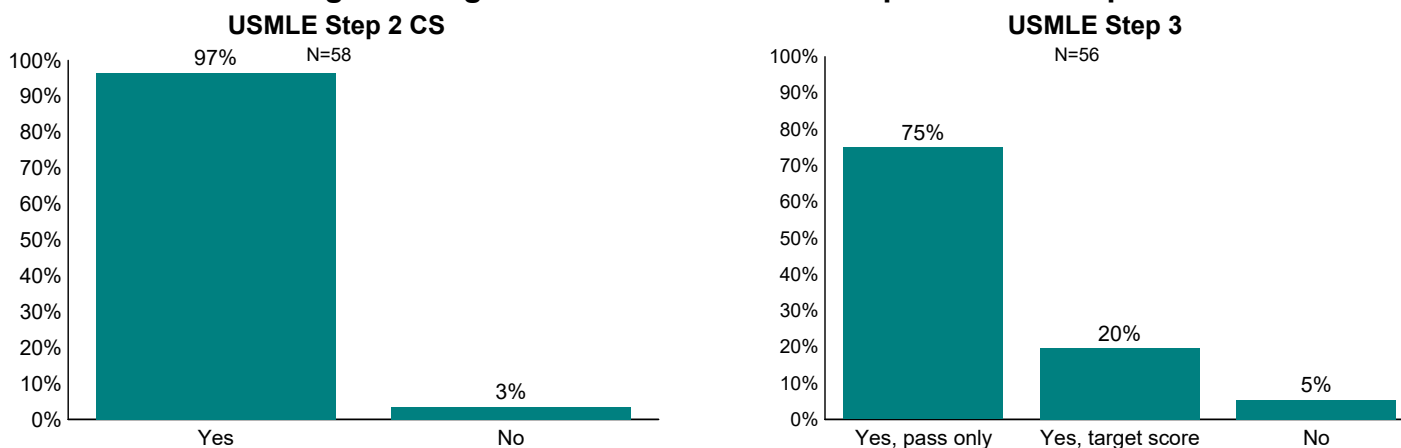
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

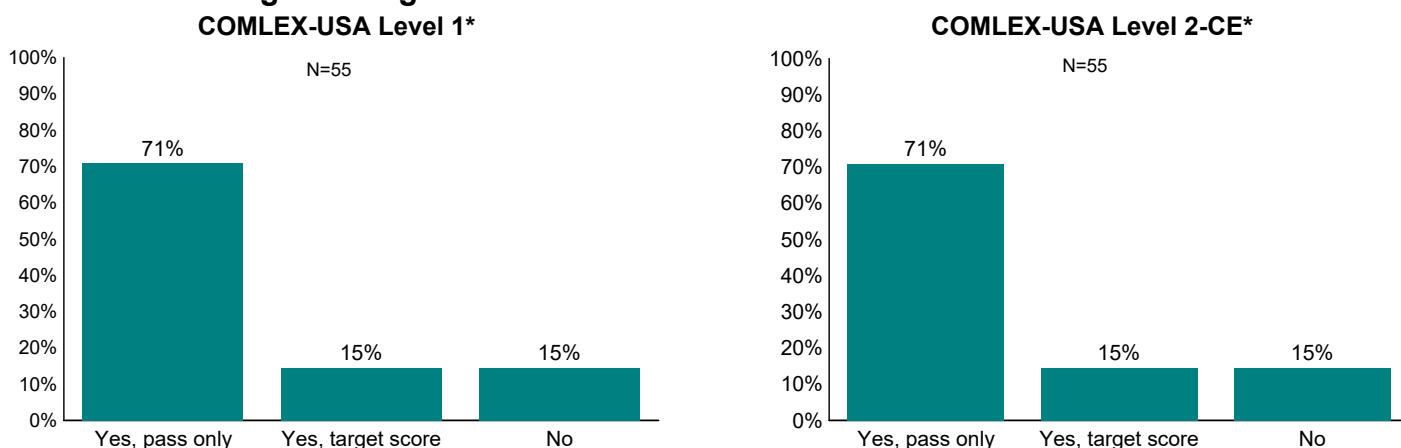
Sports Medicine

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

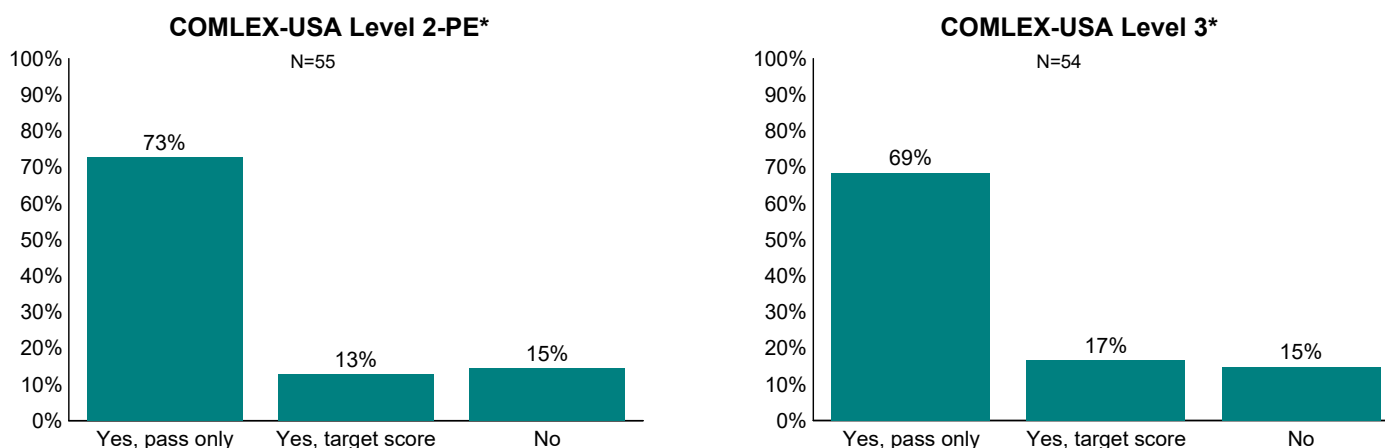
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Sports Medicine Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

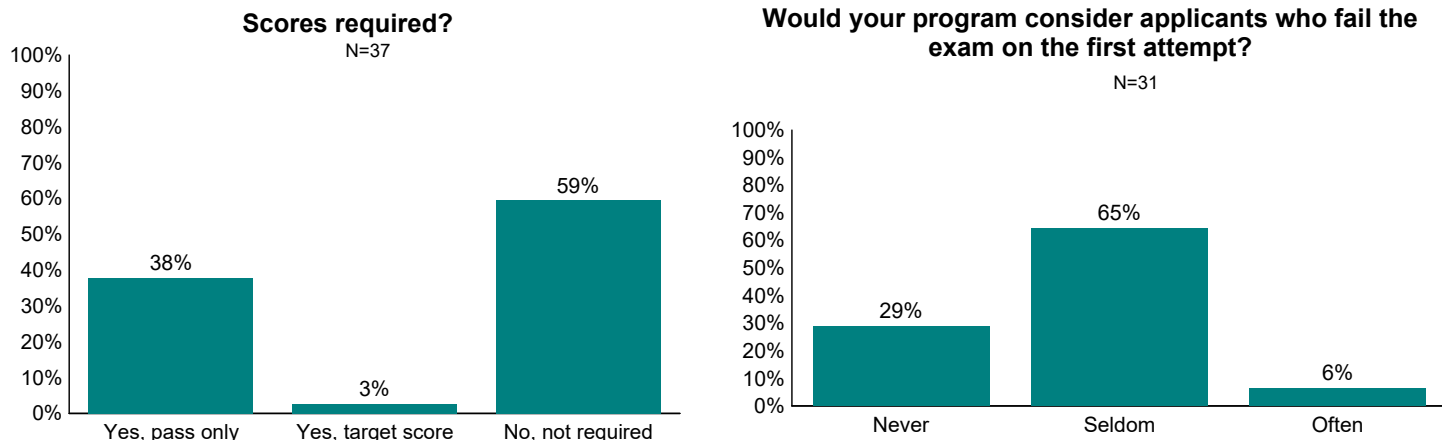


Figure-6

Sports Medicine Programs Positions

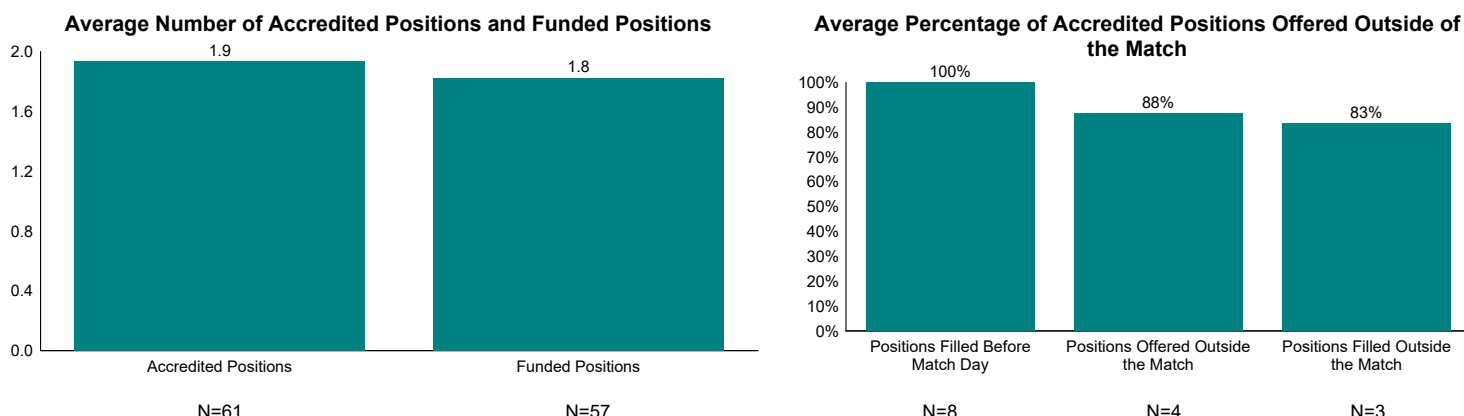
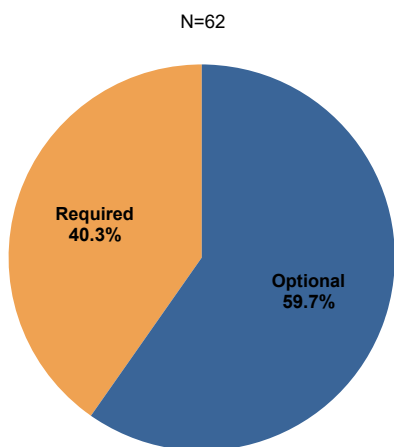


Figure-7

Sports Medicine Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

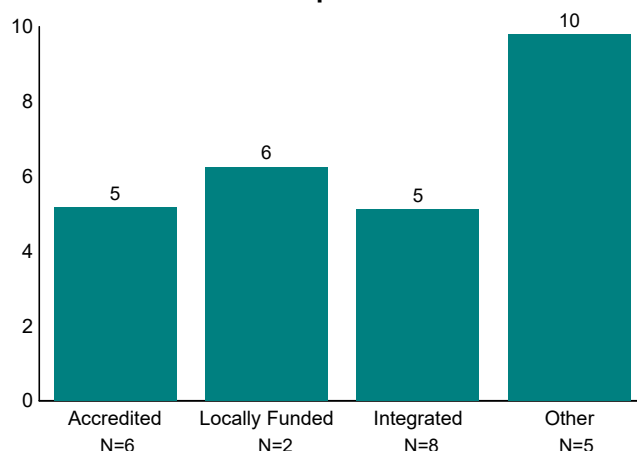
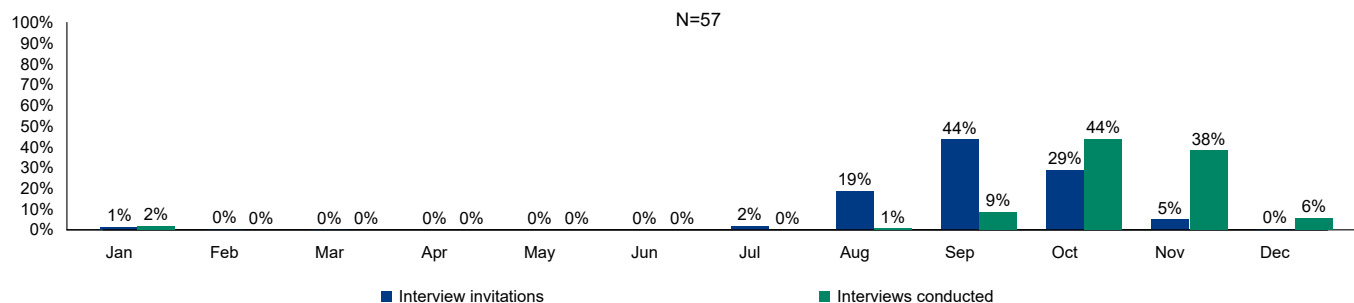


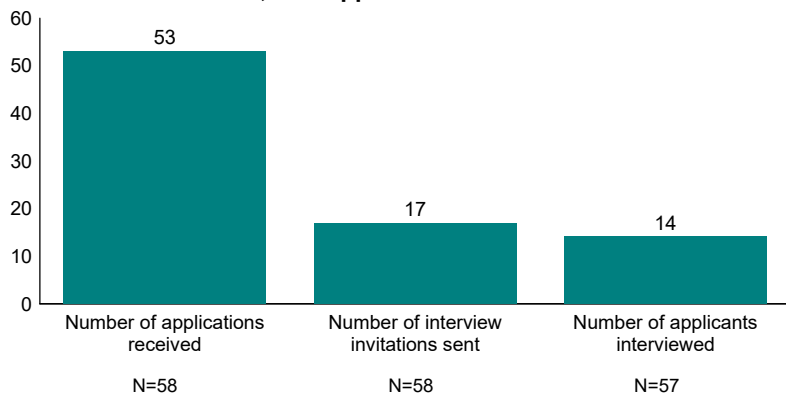
Figure-8

Sports Medicine Program's Interview Activities

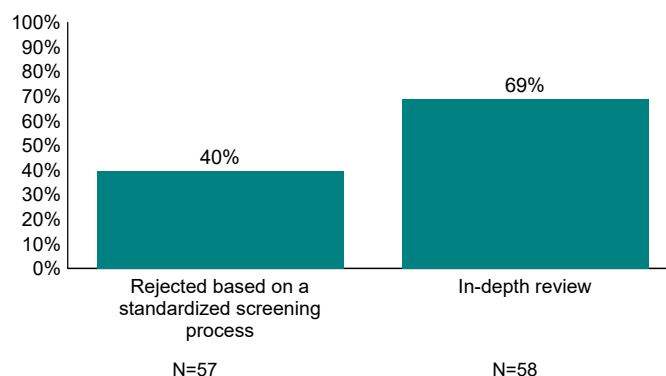
Interview Invitations Sent and Interviews Conducted



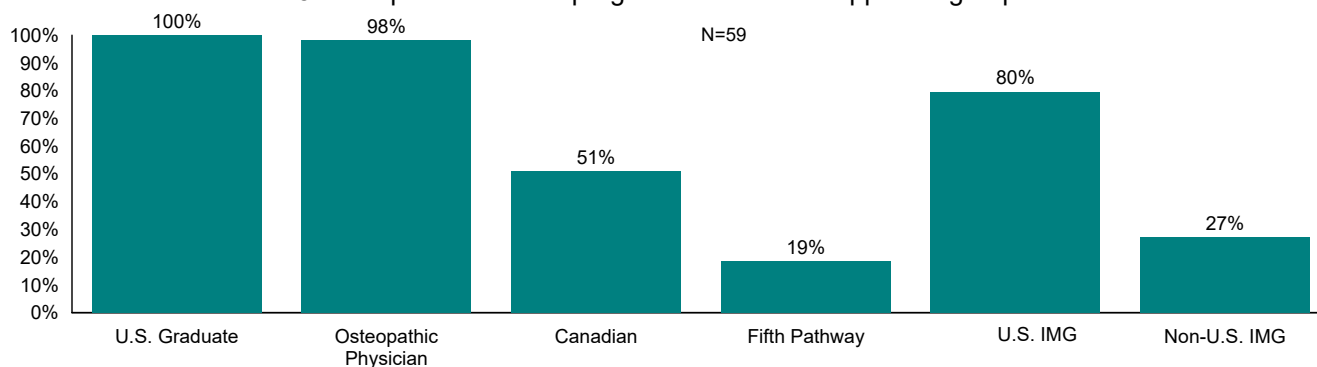
Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked



Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type
8% of Sports Medicine programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

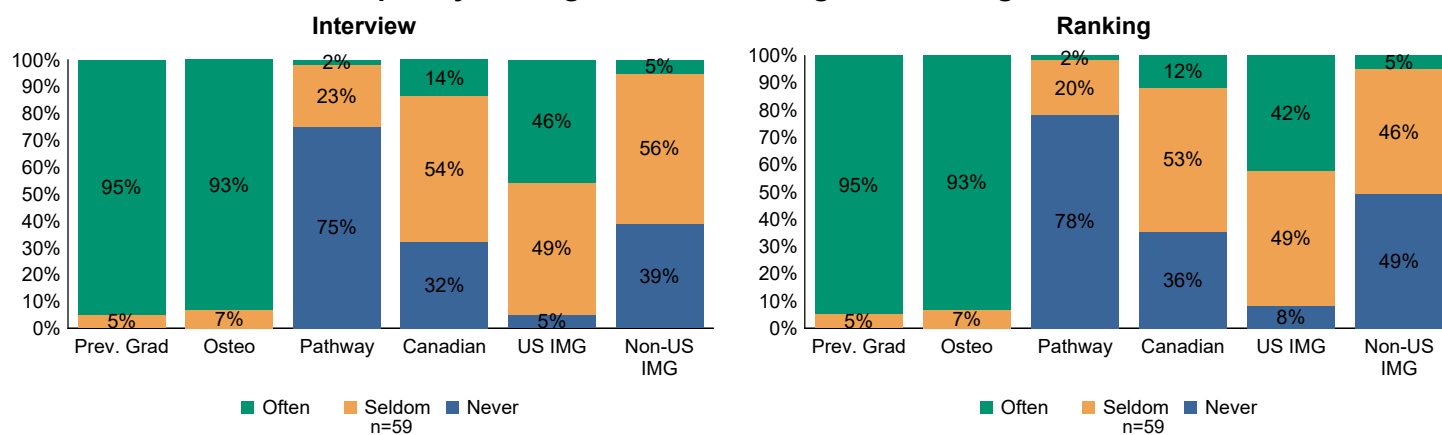


Figure-9

**Sports Medicine
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=53

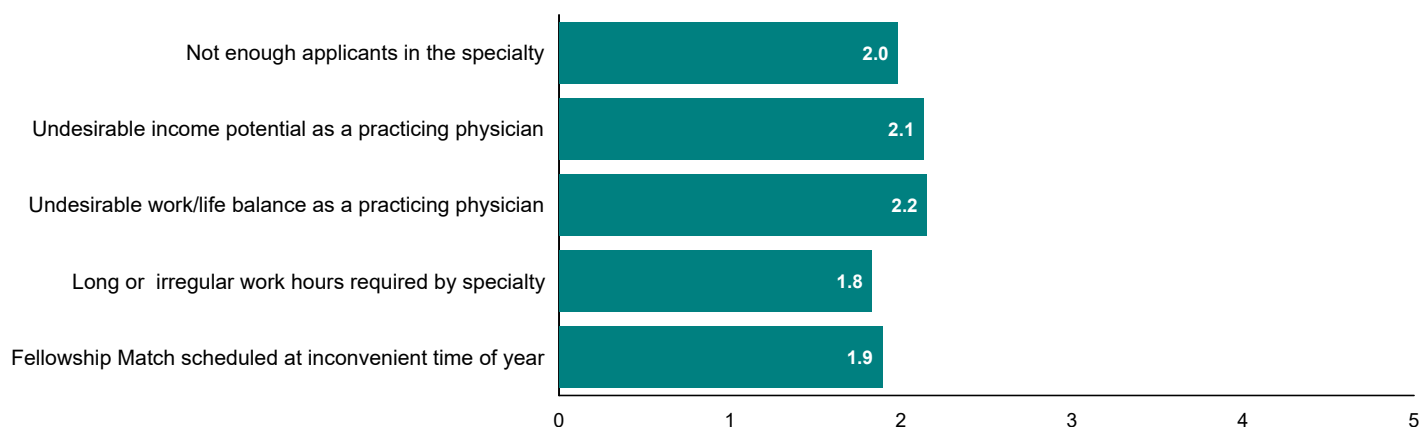


Figure-10

**Sports Medicine
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=56

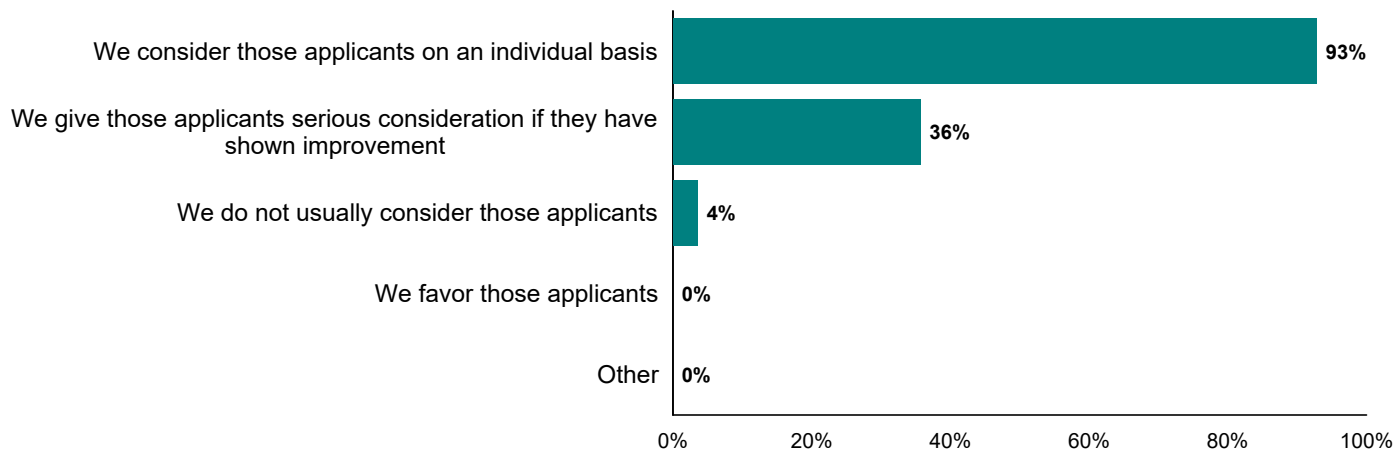
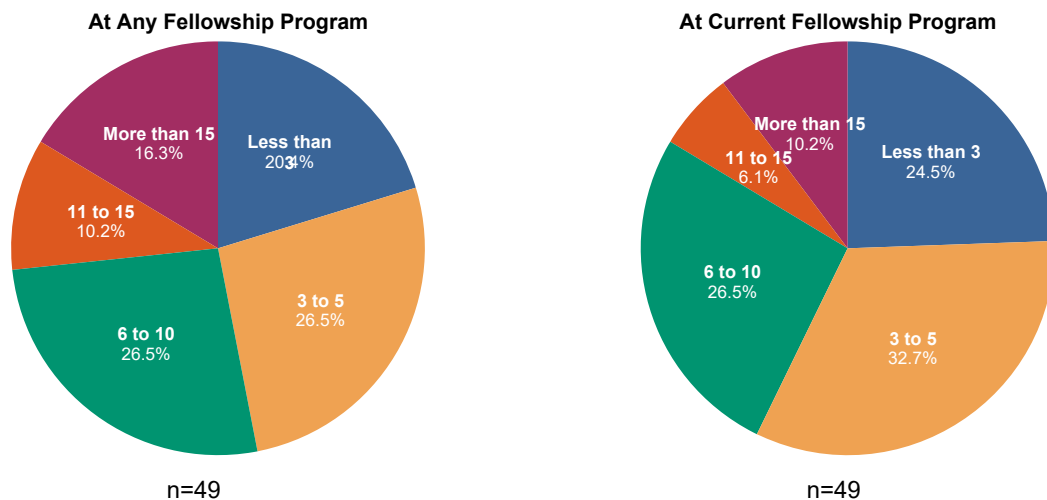


Figure-11

**Sports Medicine
Years as Program Director**





Surgical Critical Care

2016 Survey

Number of responses	36
Response rate	35.6%

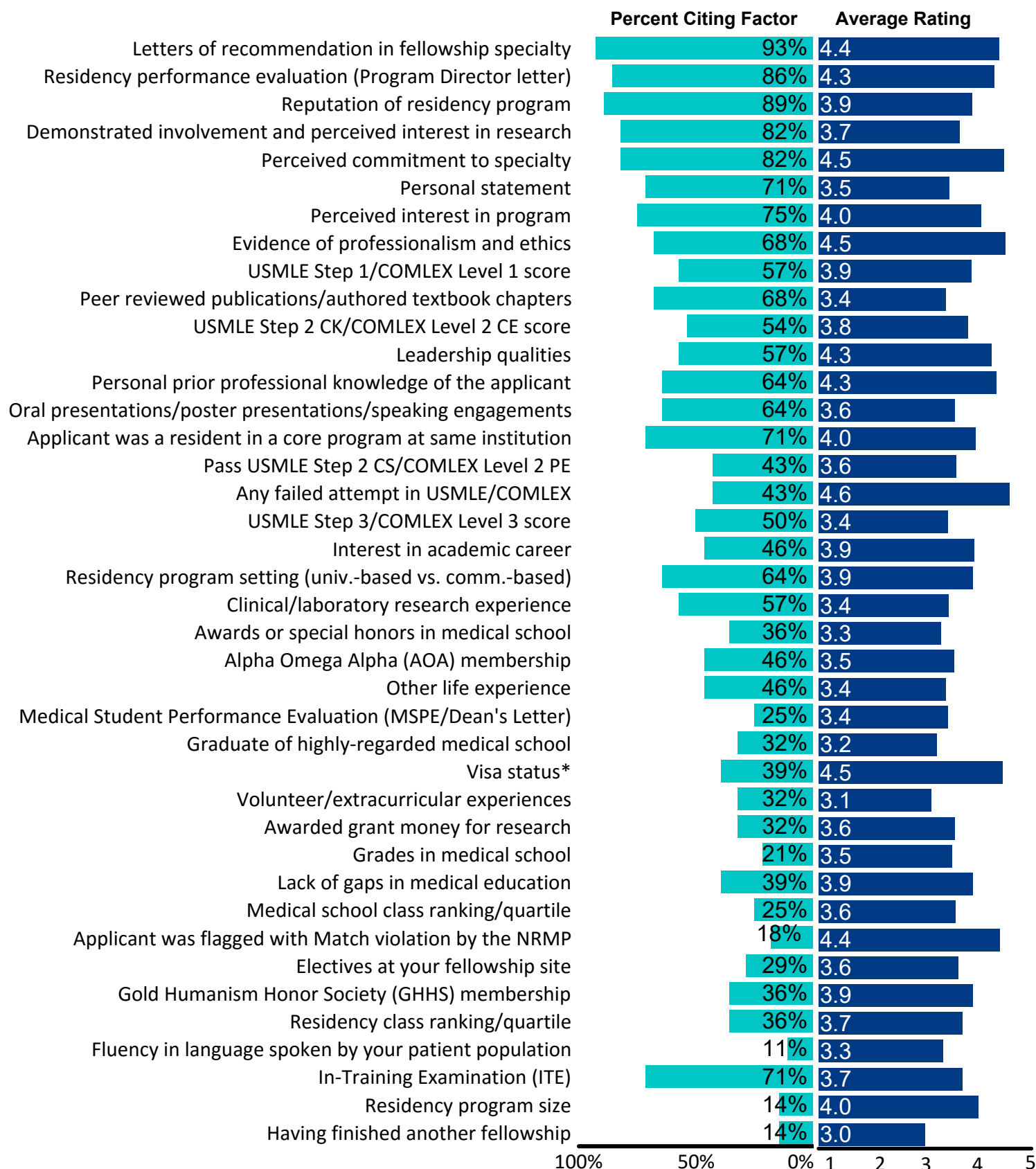
Match Information*

	Appointment Years		
	2016	2015	2014
Number of programs in the Match	119	108	95
Number of positions in the Match	241	212	185
Number of applicants ranking specialty	208	187	157

* Source: NRMP Data Warehouse

Figure-1

Surgical Critical Care
Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=28)



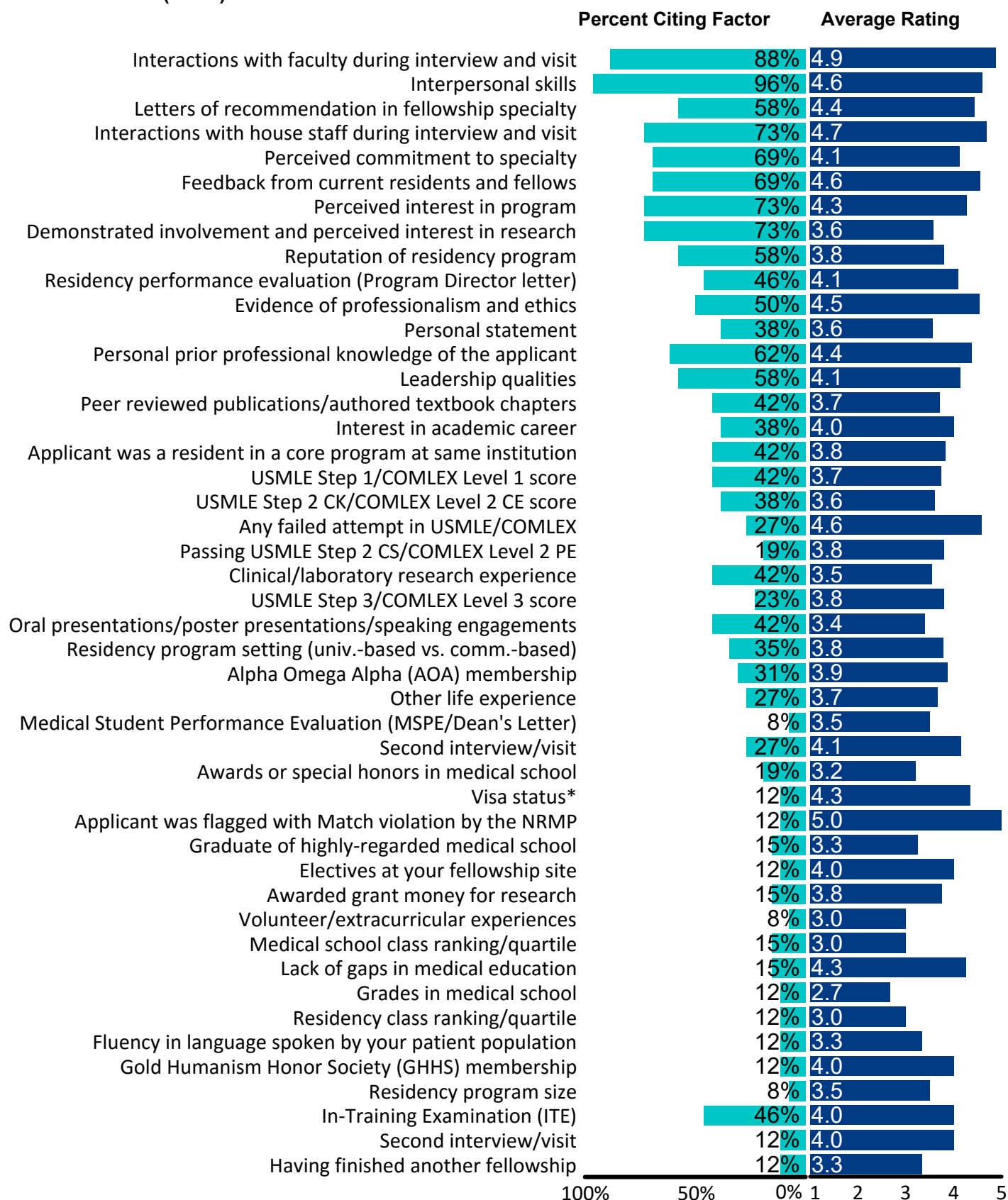
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Surgical Critical Care

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=28)



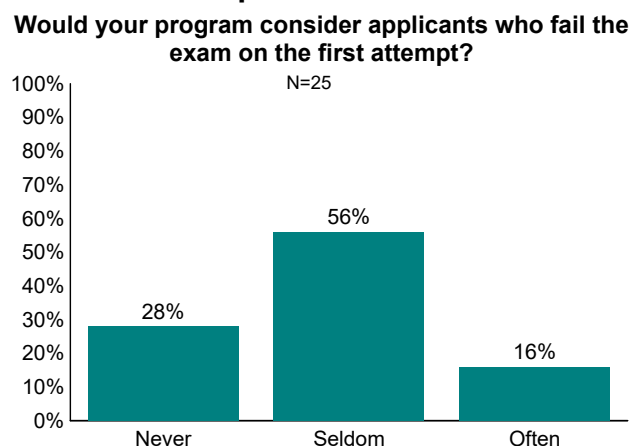
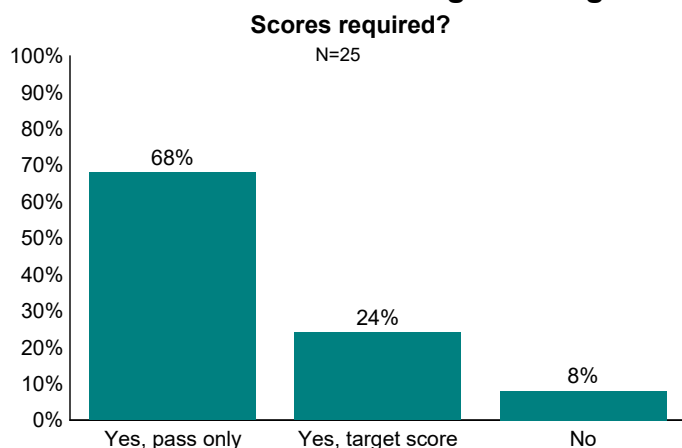
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

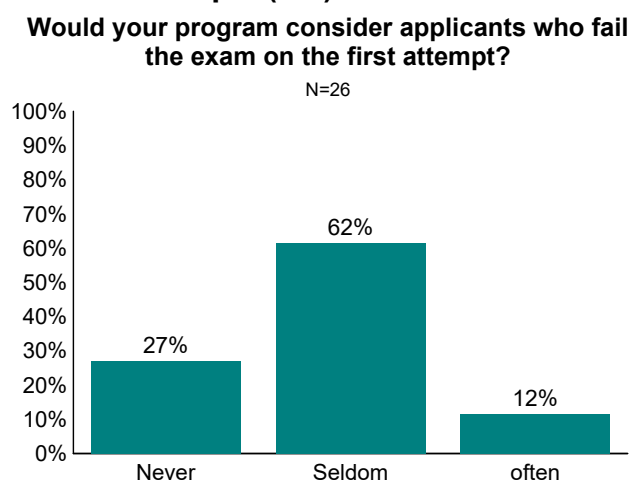
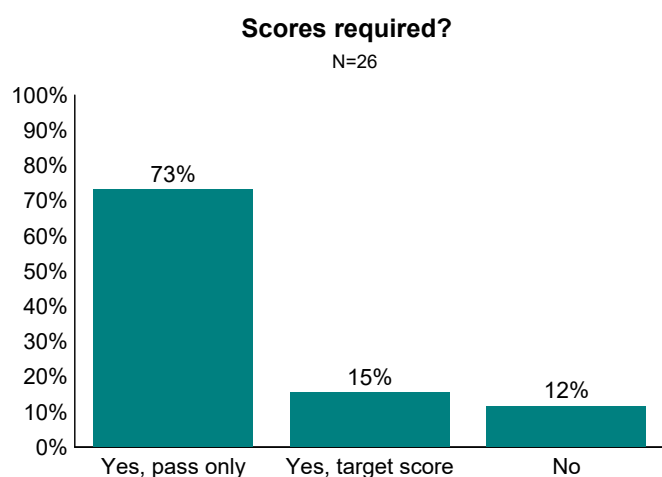
Figure-3

**Surgical Critical Care
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

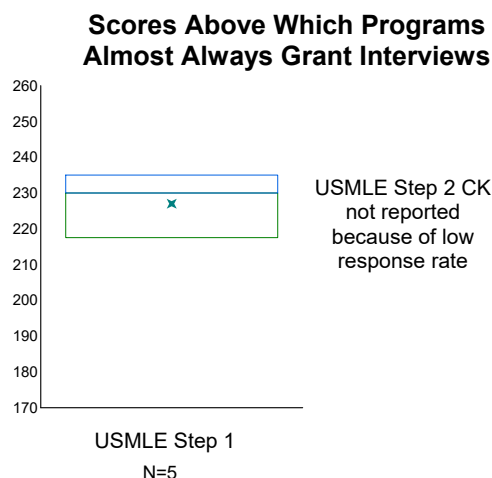
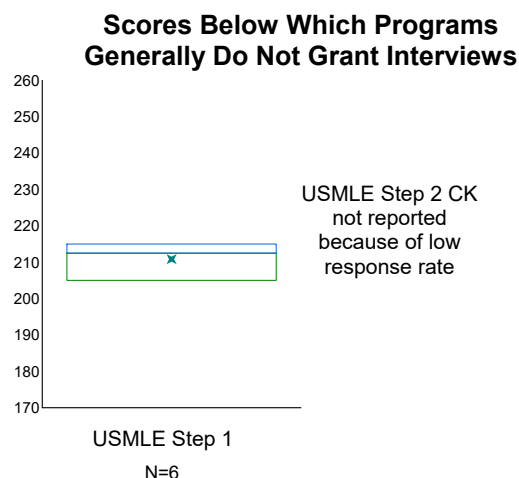
Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**

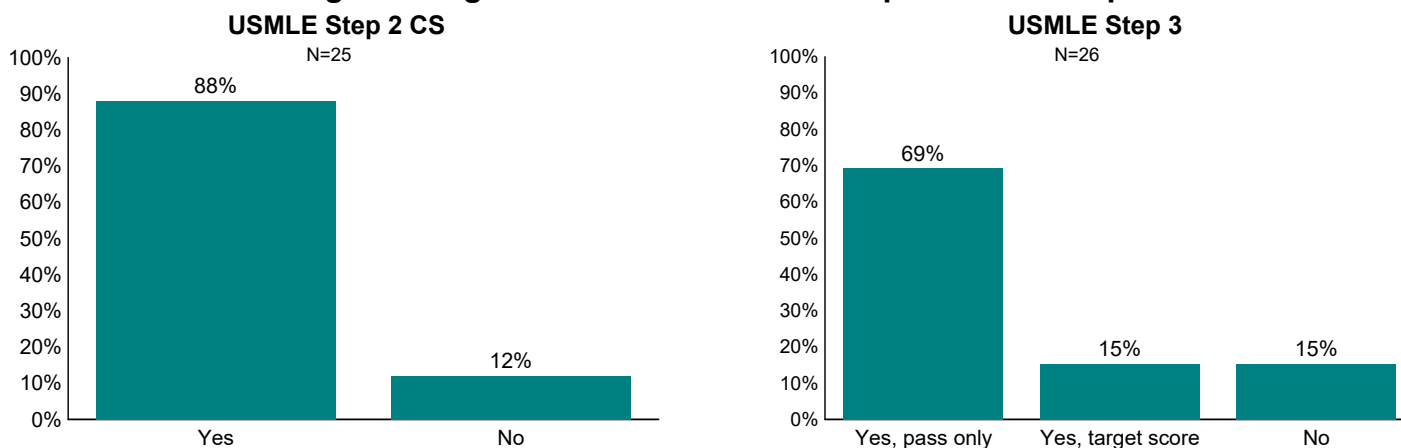


*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

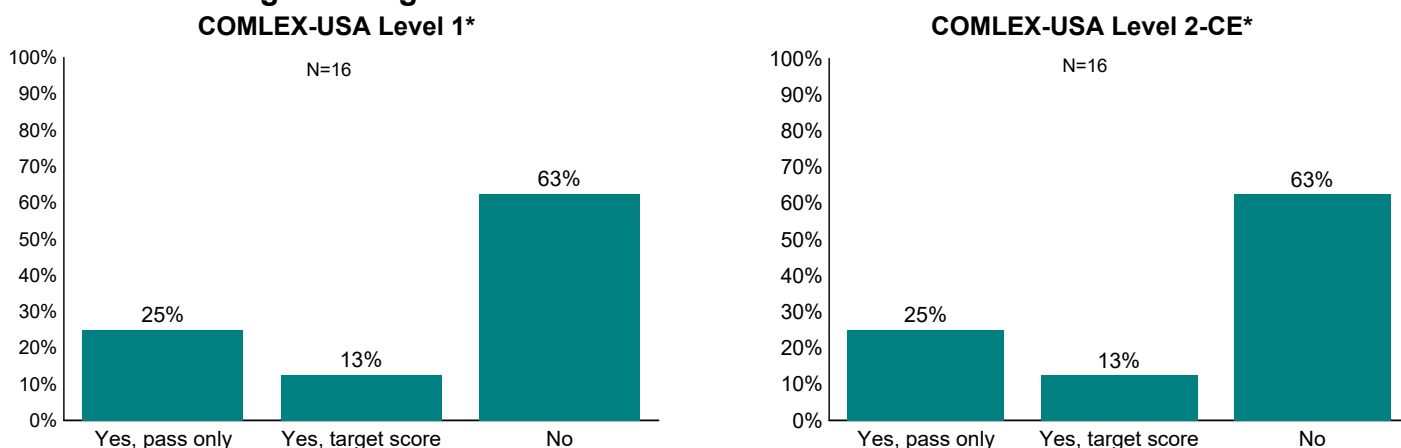
Figure-4

**Surgical Critical Care
Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and
COMLEX-USA Scores* When Considering Which Applicants to Interview**

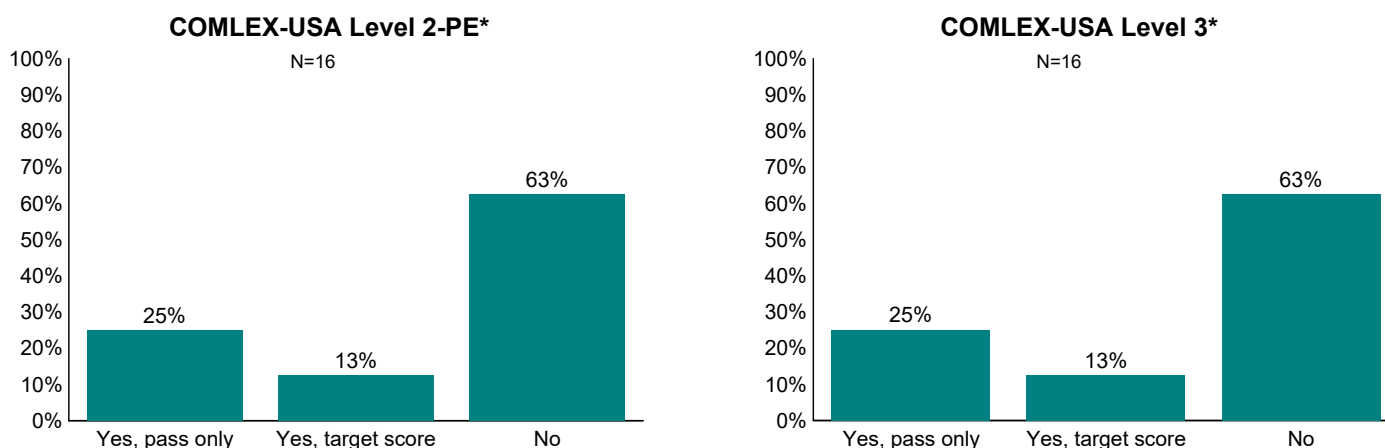
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Surgical Critical Care Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

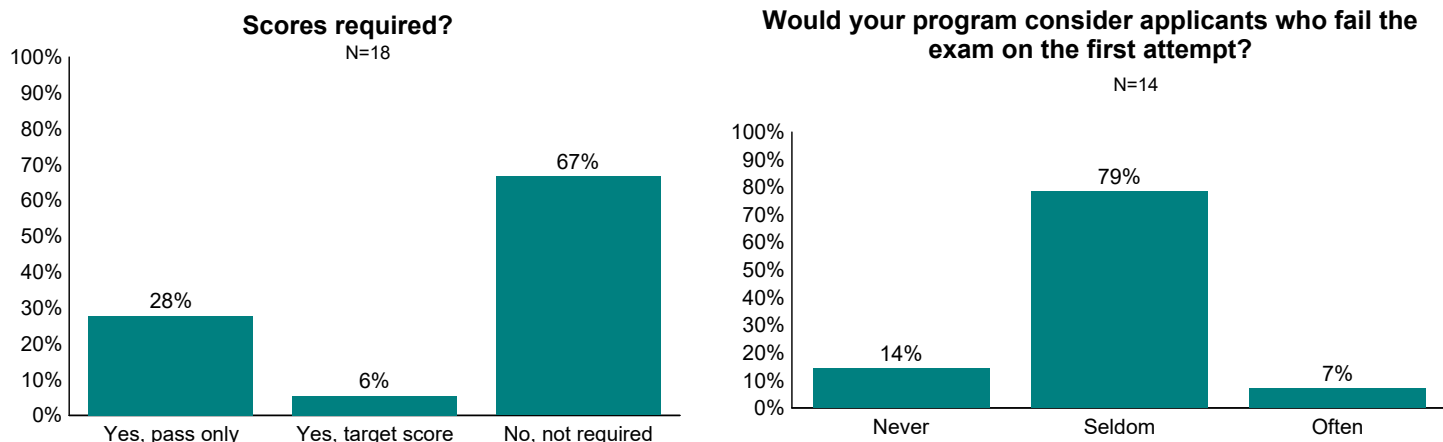


Figure-6

Surgical Critical Care Programs Positions

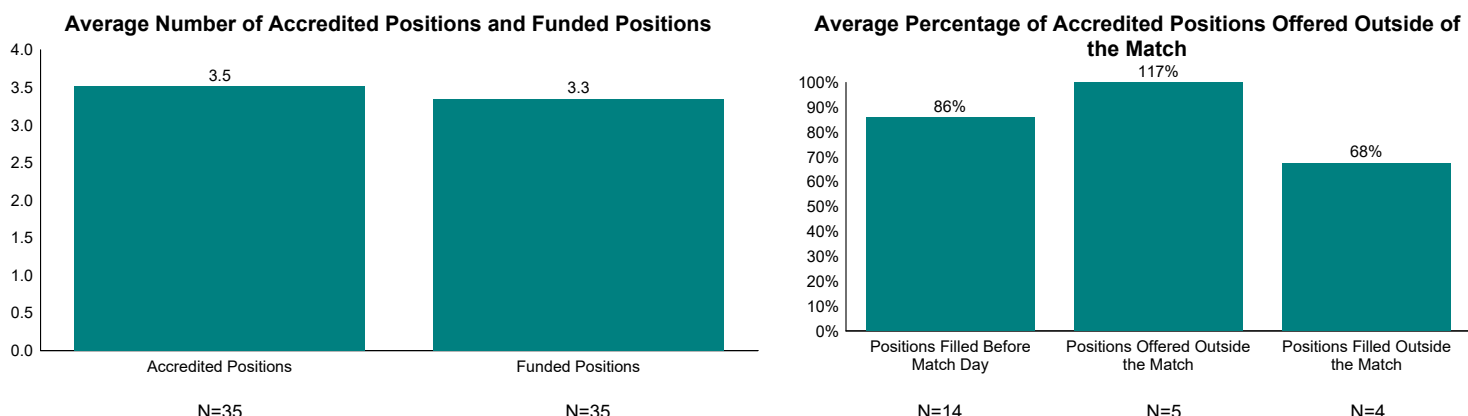
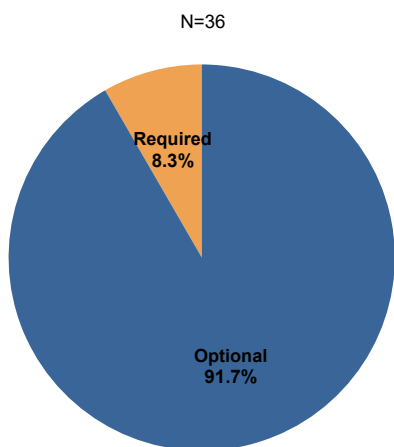


Figure-7

Surgical Critical Care Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

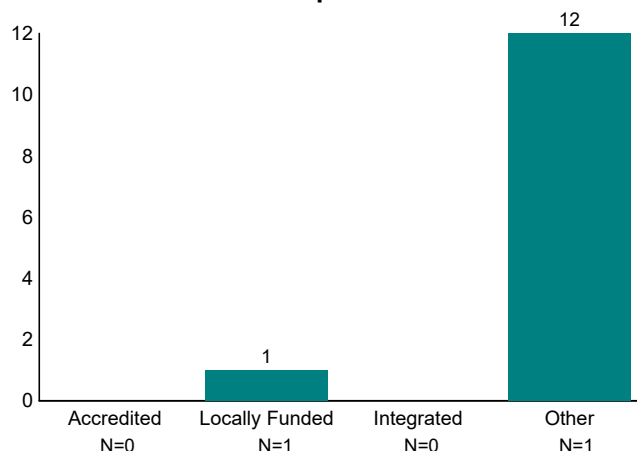
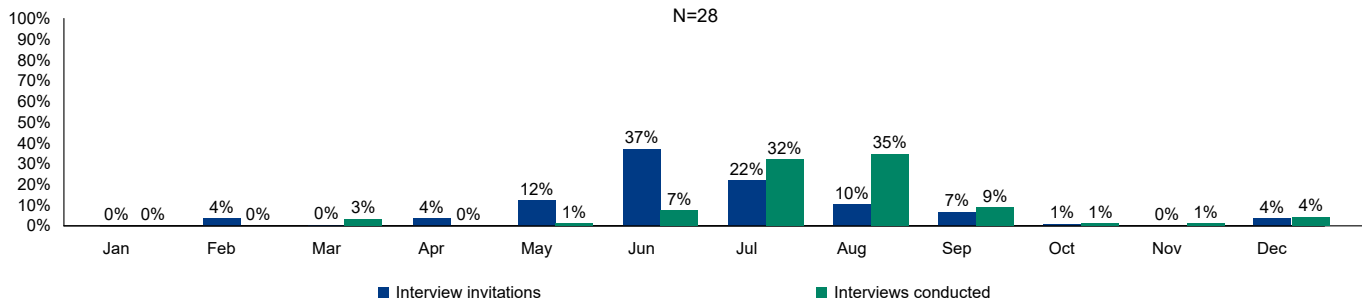


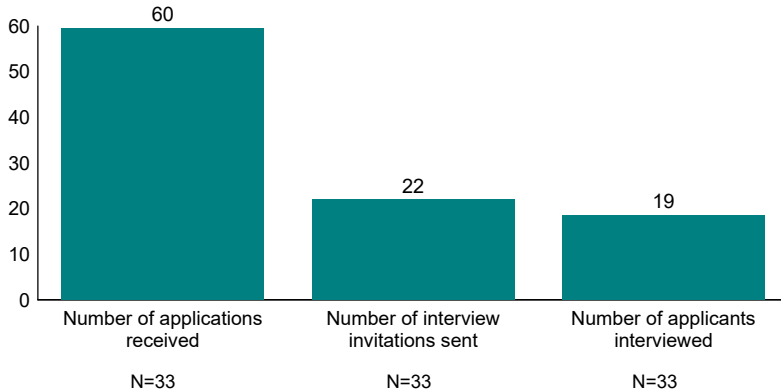
Figure-8

Surgical Critical Care Program's Interview Activities

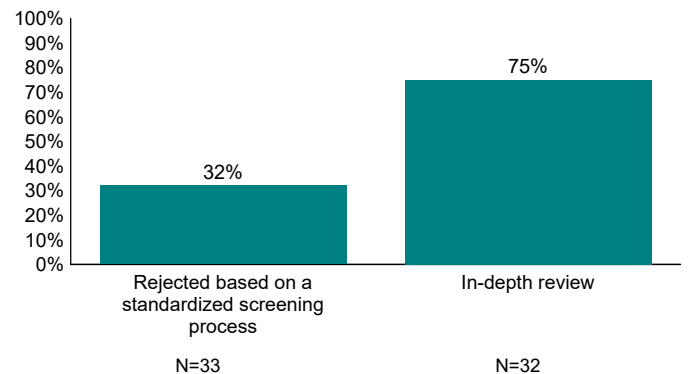
Interview Invitations Sent and Interviews Conducted



Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked

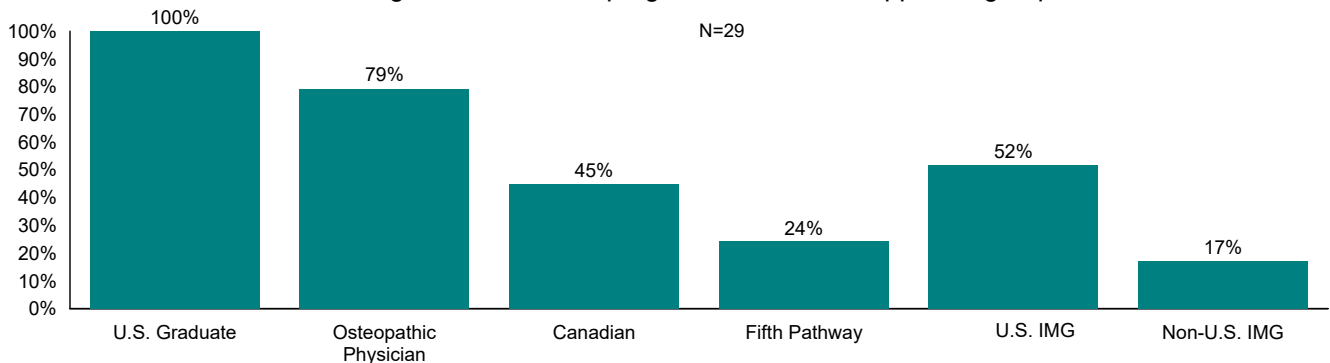


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

14% of Surgical Critical Care programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

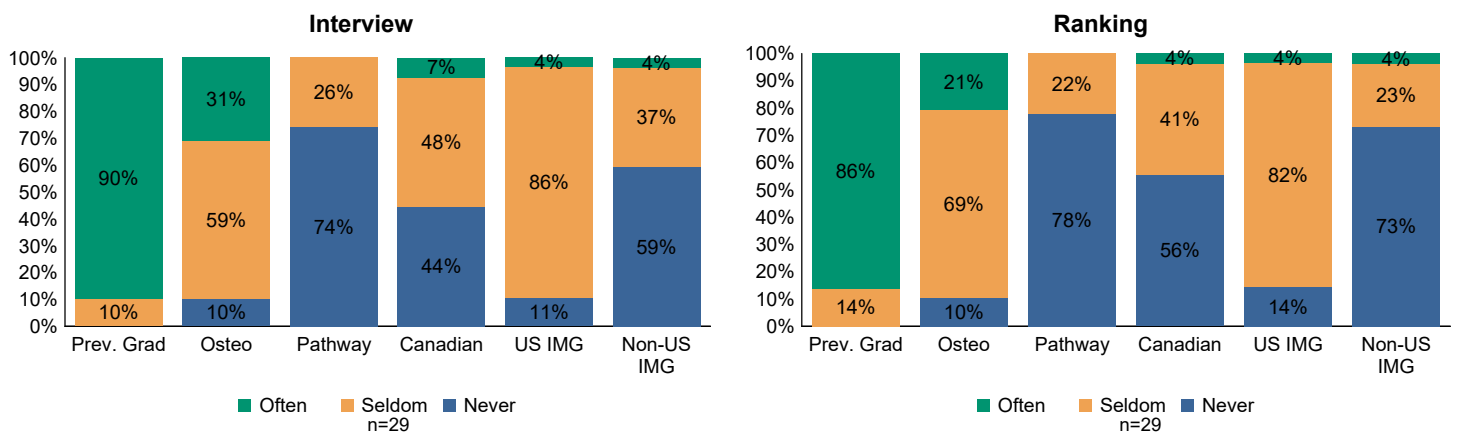


Figure-9

**Surgical Critical Care
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=26

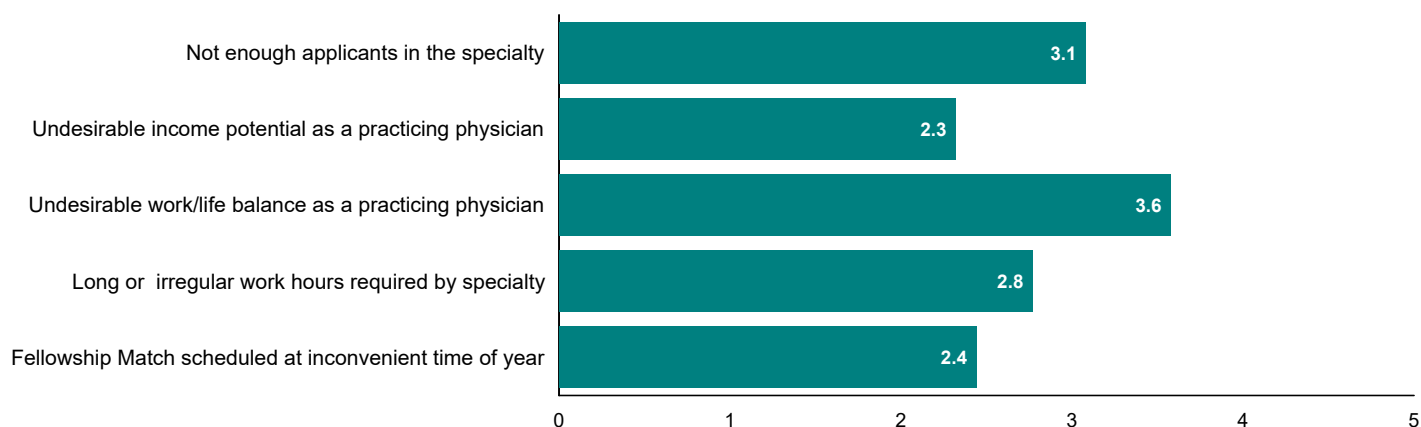


Figure-10

**Surgical Critical Care
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=25

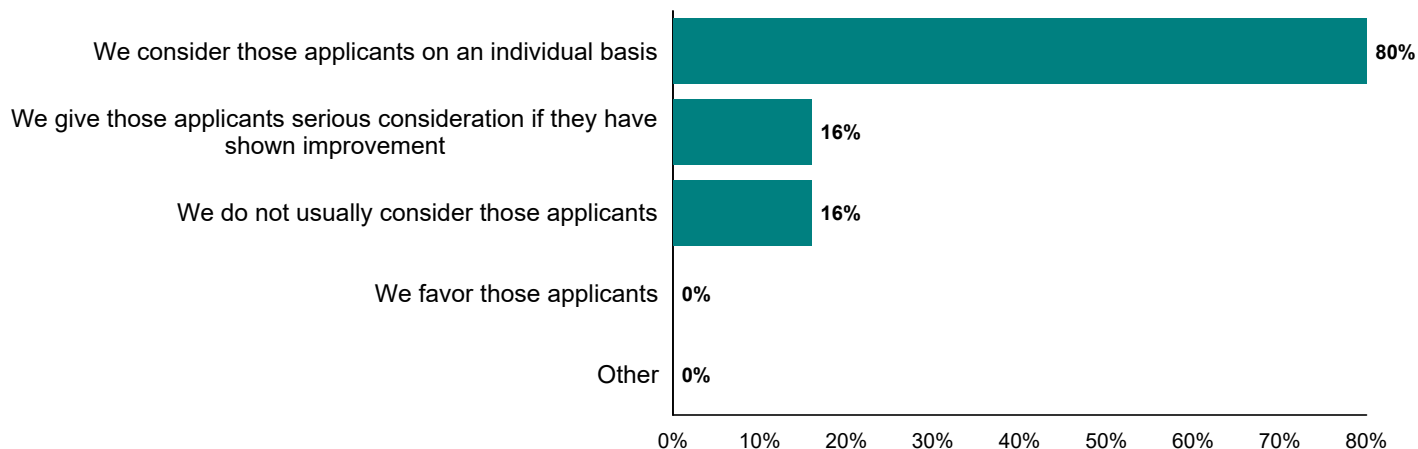
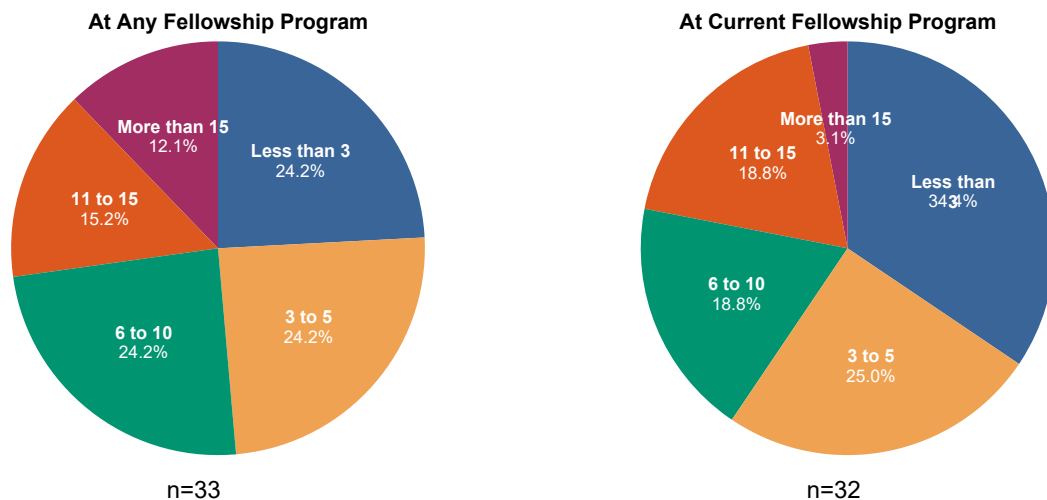


Figure-11

**Surgical Critical Care
Years as Program Director**





Thoracic Surgery

2016 Survey

Number of responses	18
Response rate	31.0%

Match Information*

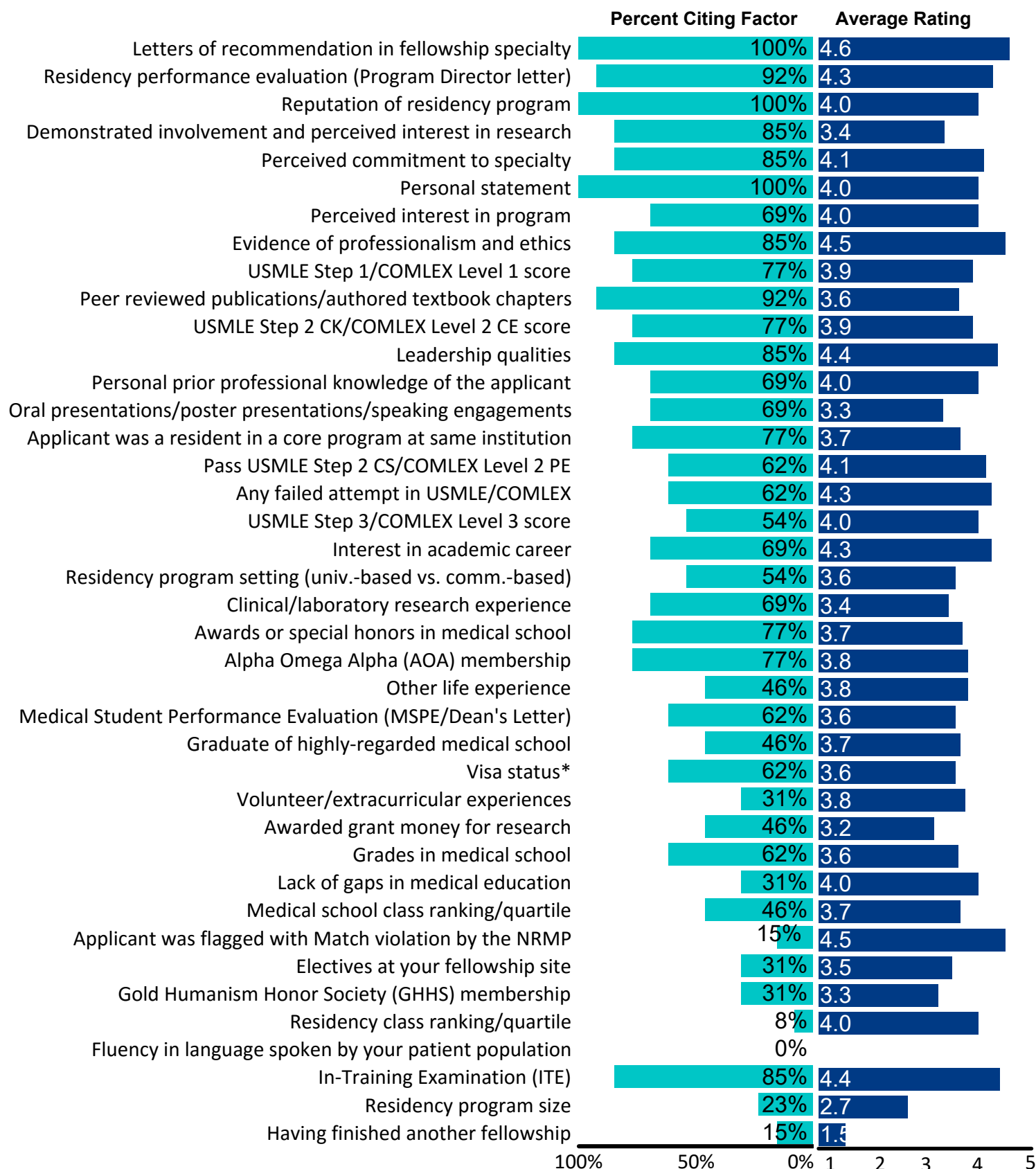
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	67	67	71
Number of positions in the Match	90	87	97
Number of applicants ranking specialty	127	114	92

* Source: NRMP Data Warehouse

Figure-1

Thoracic Surgery

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=13)



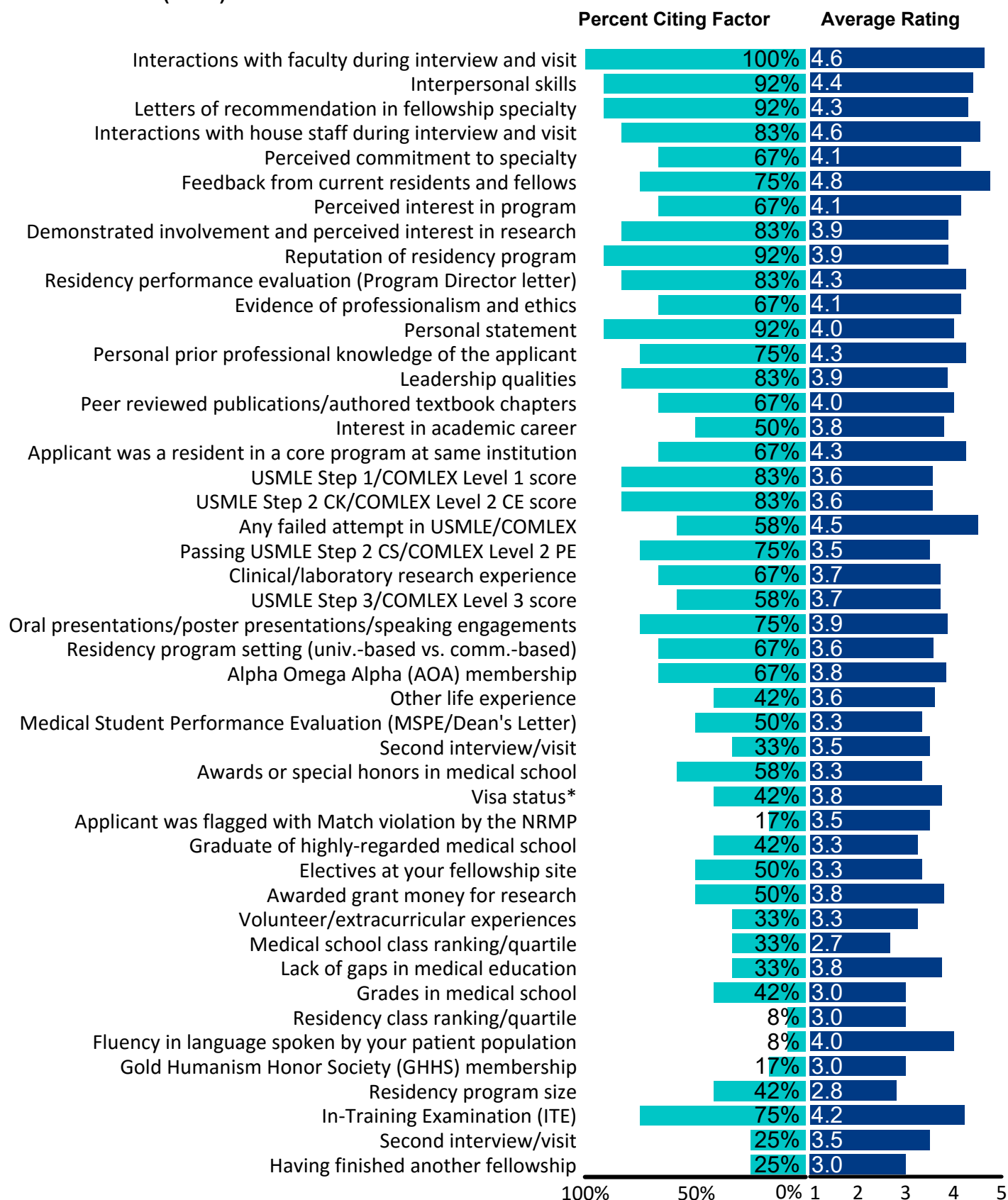
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Thoracic Surgery

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=13)



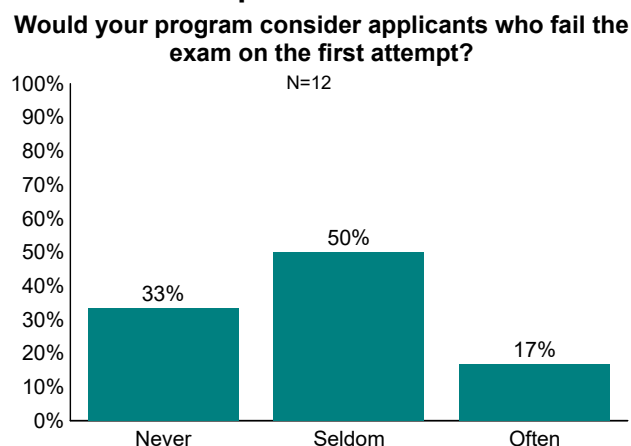
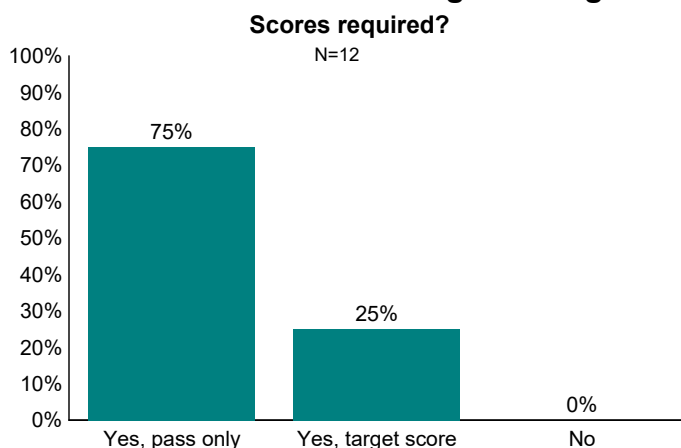
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

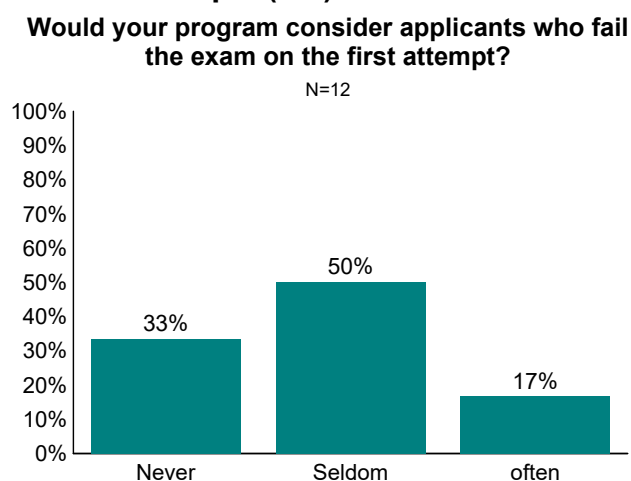
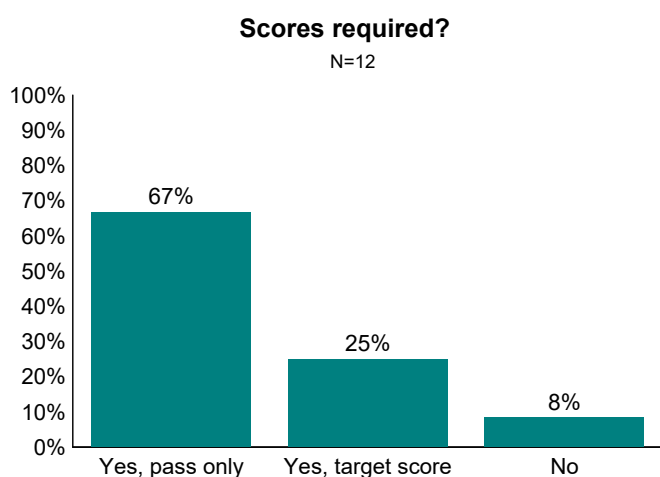
Figure-3

**Thoracic Surgery
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**

**Scores Below Which Programs
Generally Do Not Grant Interviews**

USMLE Step 1 not
reported because
of low response
rate

USMLE Step 2 CK
not reported
because of low
response rate

**Scores Above Which Programs
Almost Always Grant Interviews**

USMLE Step 1 not
reported because
of low response
rate

USMLE Step 2 CK
not reported
because of low
response rate

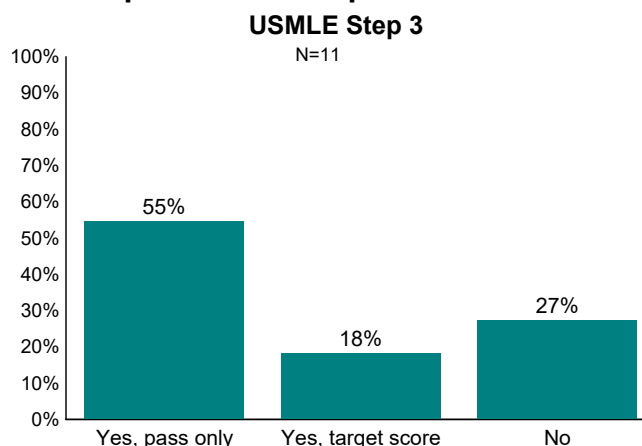
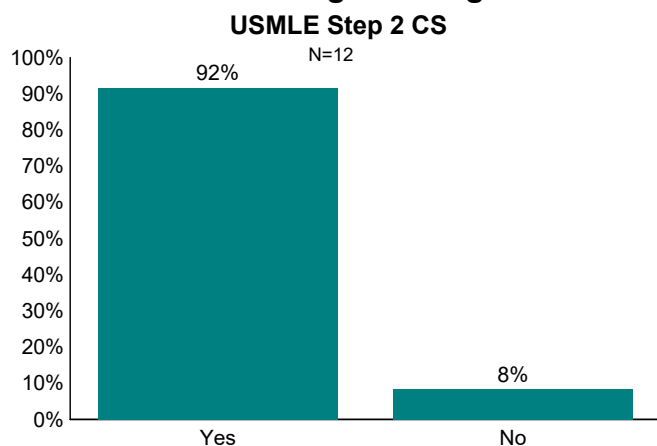
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

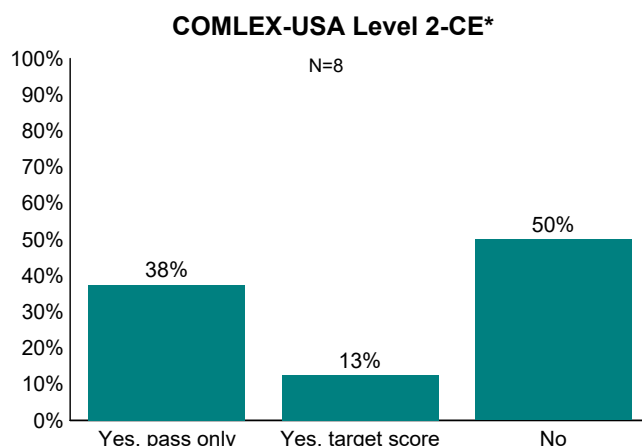
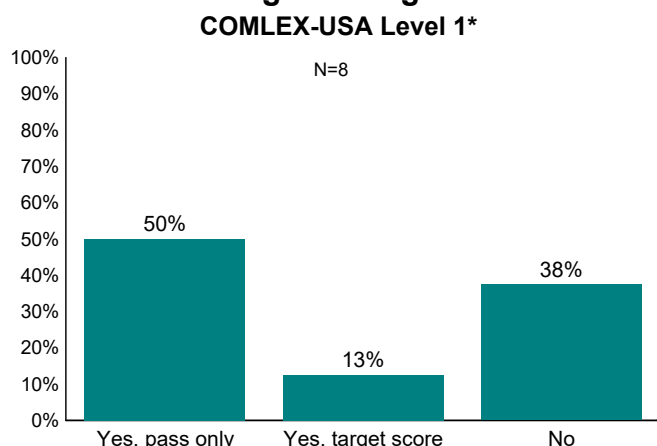
Thoracic Surgery

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

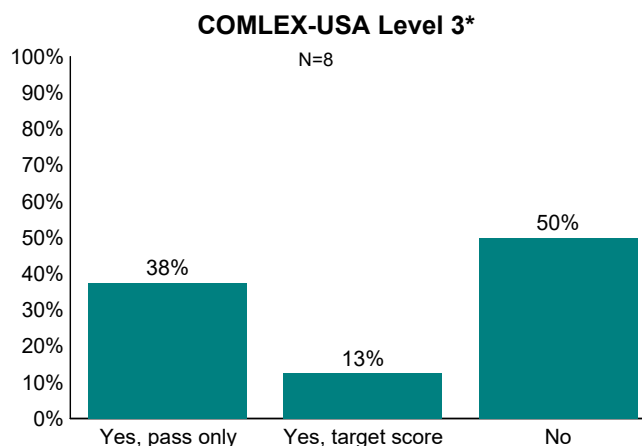
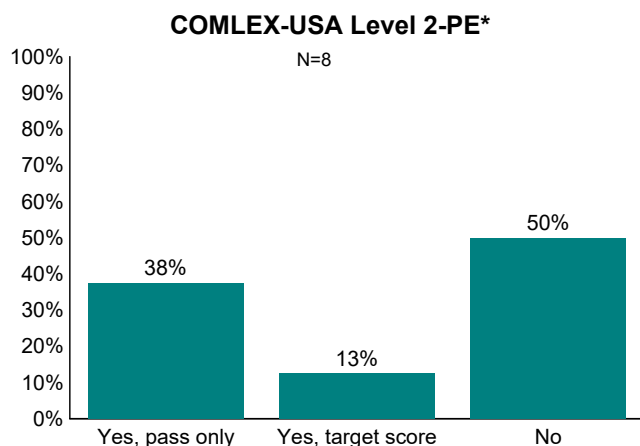
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Thoracic Surgery Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

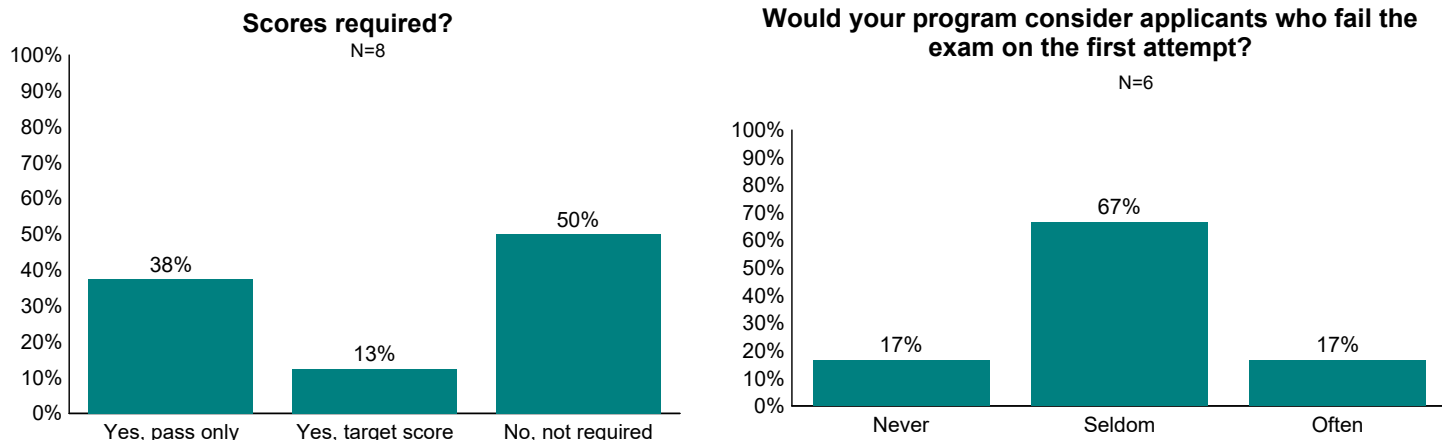


Figure-6

Thoracic Surgery Programs Positions

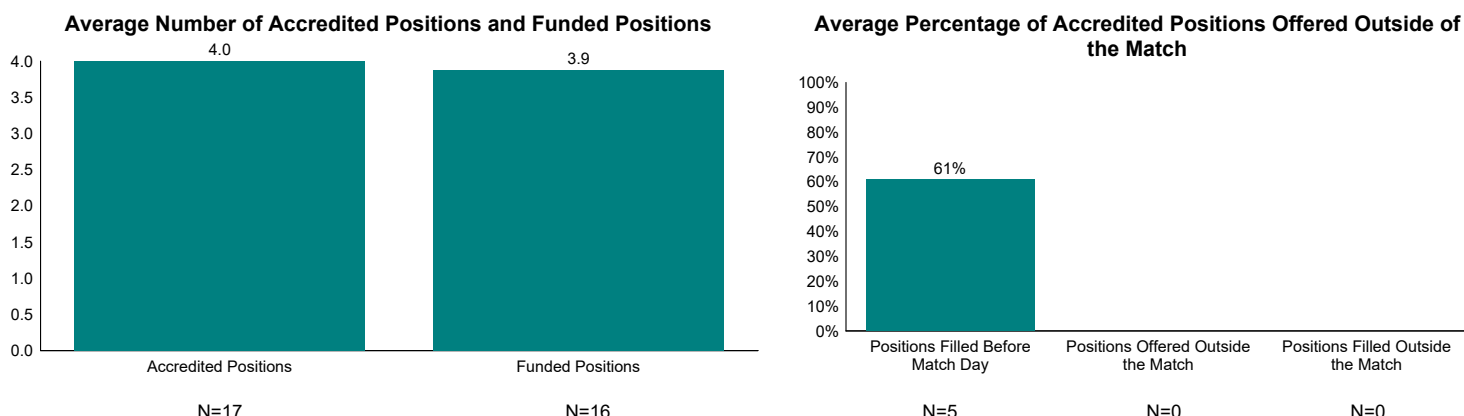
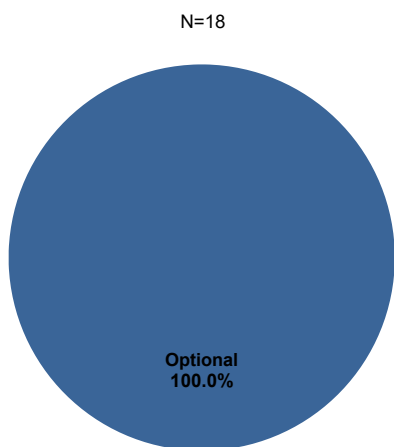


Figure-7

Thoracic Surgery Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

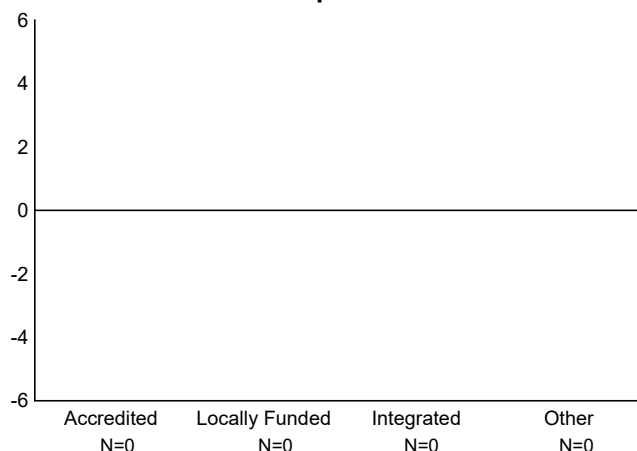
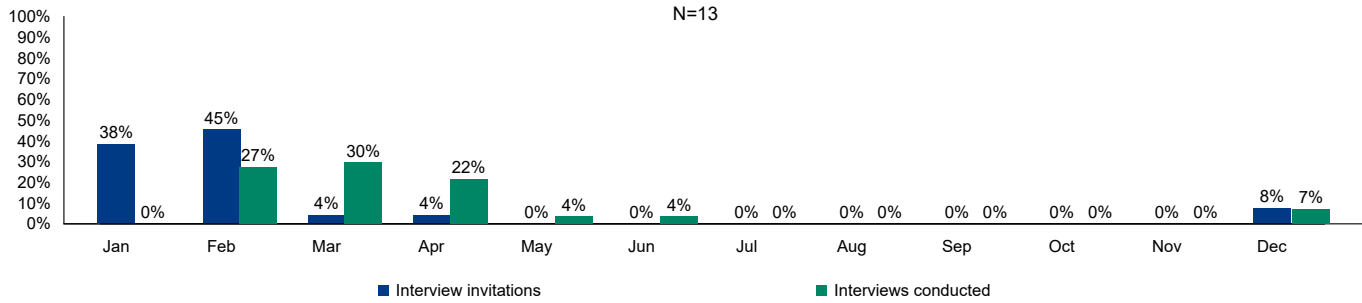


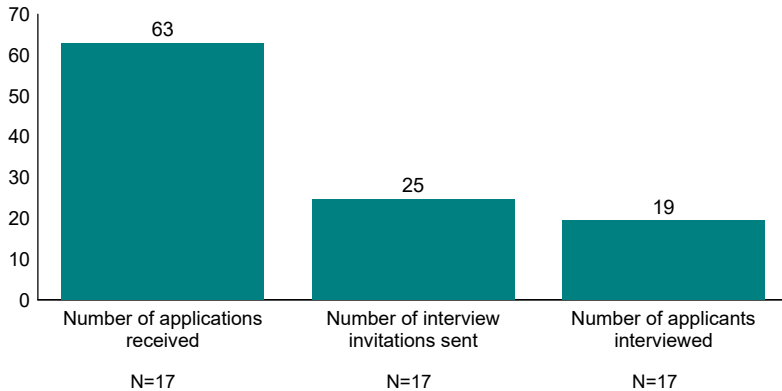
Figure-8

Thoracic Surgery Program's Interview Activities

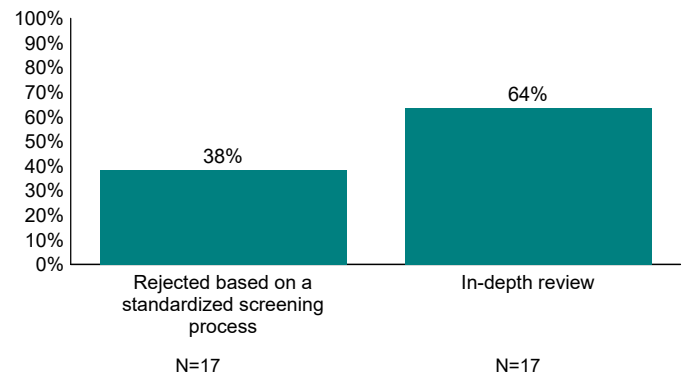
Interview Invitations Sent and Interviews Conducted



Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked

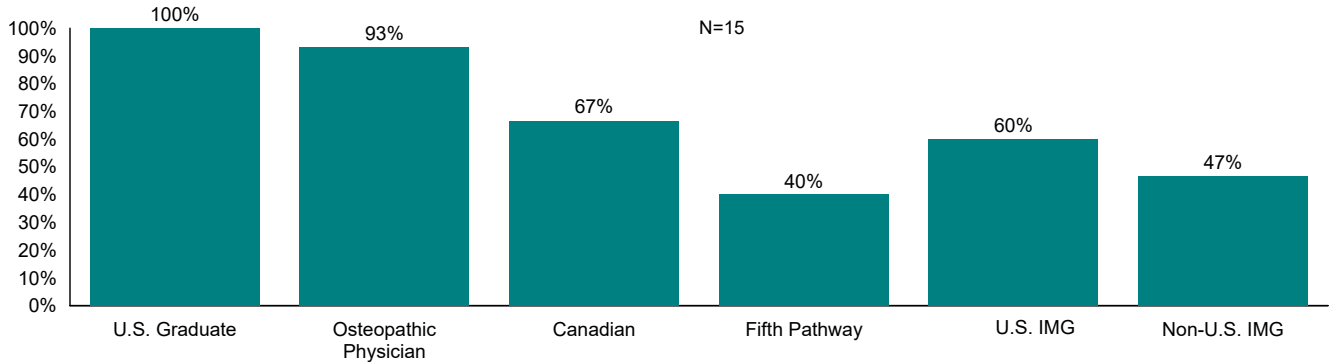


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

27% of Thoracic Surgery programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

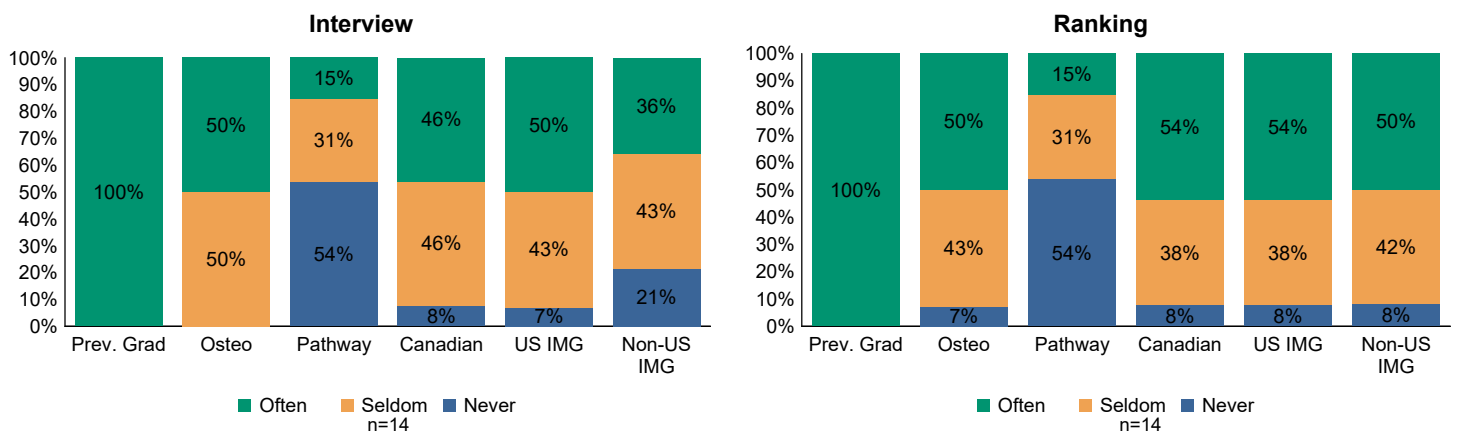


Figure-9

**Thoracic Surgery
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=12

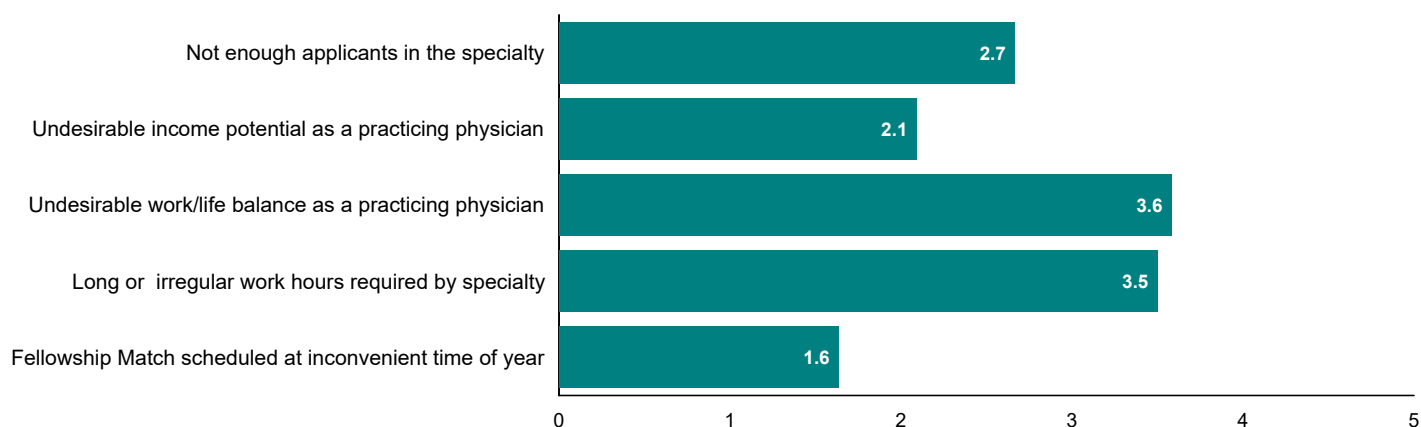


Figure-10

**Thoracic Surgery
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=12

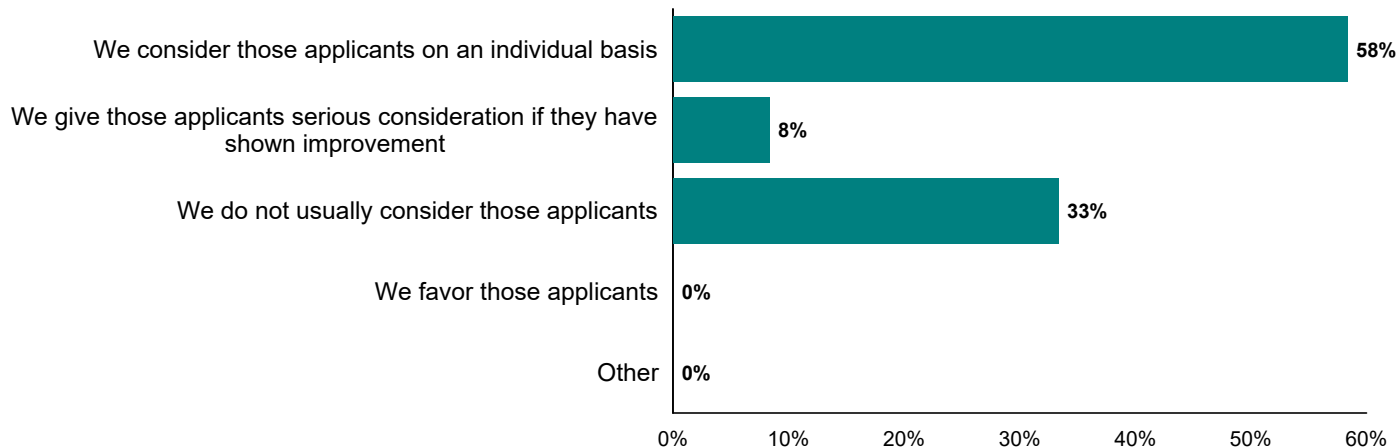
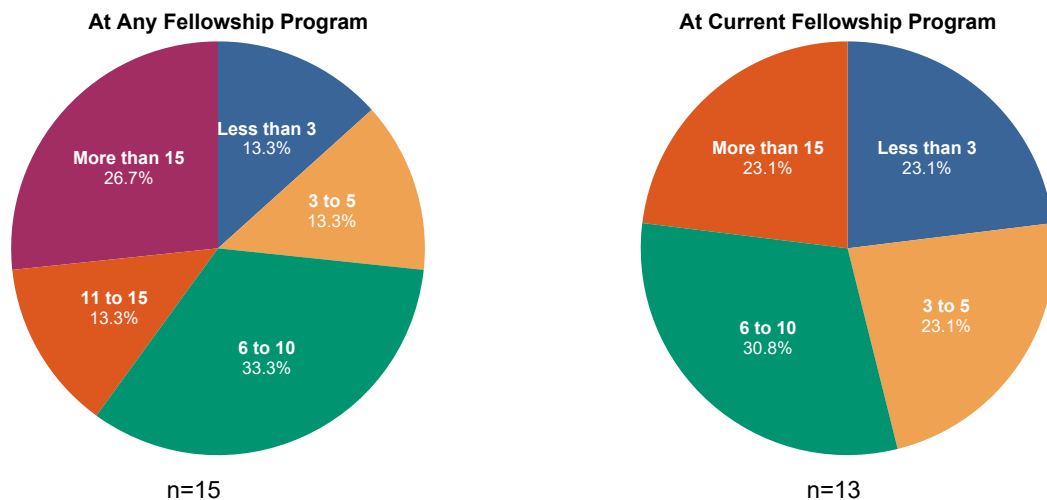


Figure-11

**Thoracic Surgery
Years as Program Director**





Vascular Neurology

2016 Survey

Number of responses	26
Response rate	36.1%

Match Information*

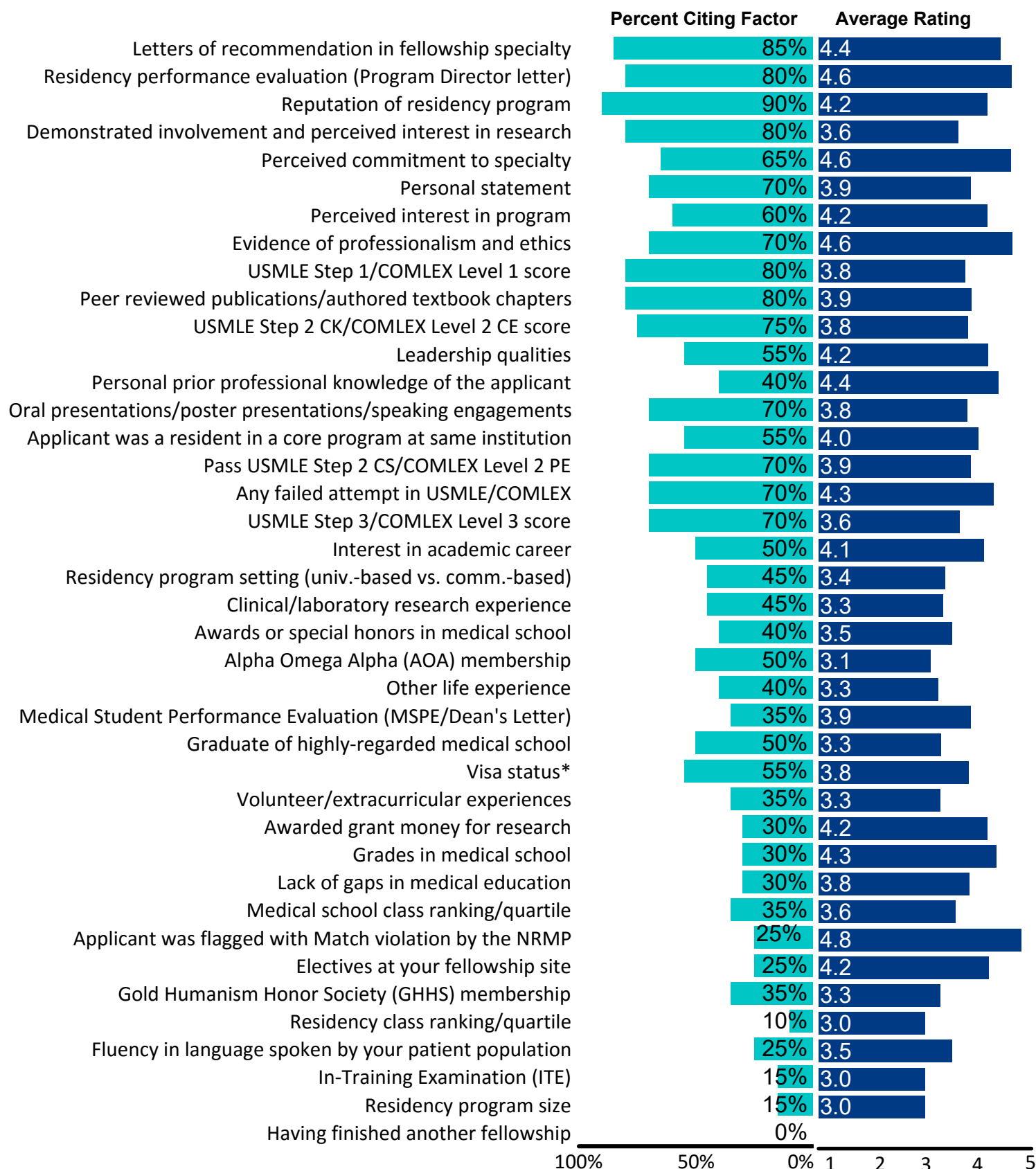
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	74		
Number of positions in the Match	123		
Number of applicants ranking specialty	103		

* Source: NRMP Data Warehouse

Figure-1

Vascular Neurology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=20)



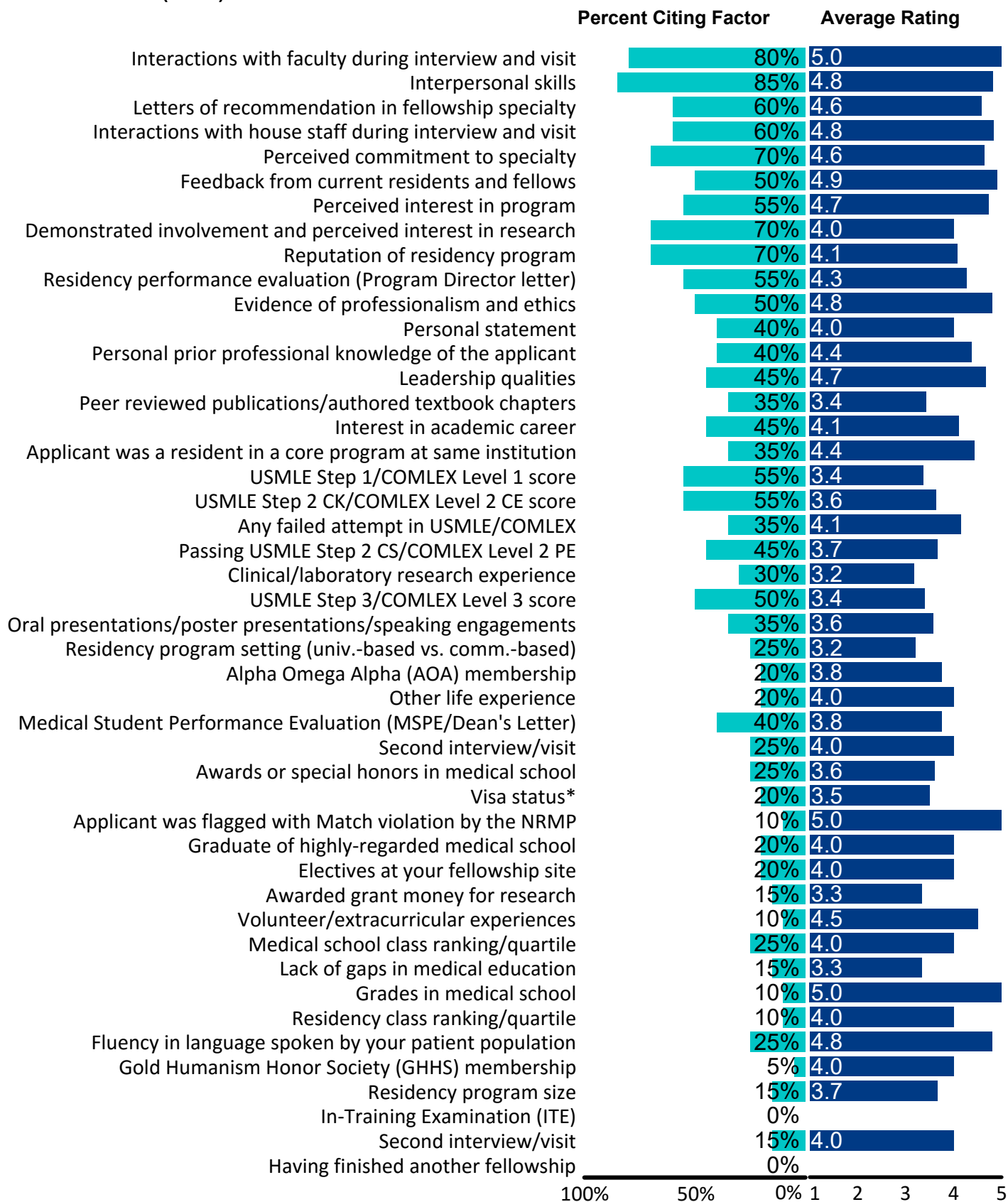
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

Vascular Neurology

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=20)



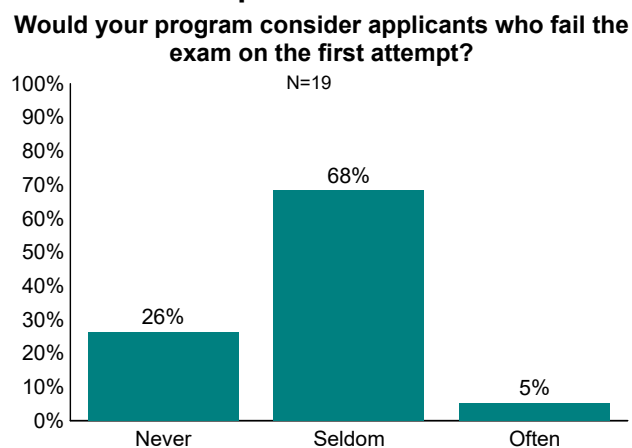
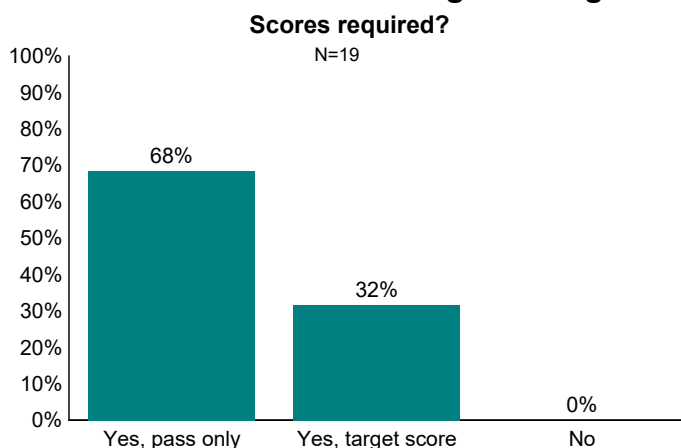
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

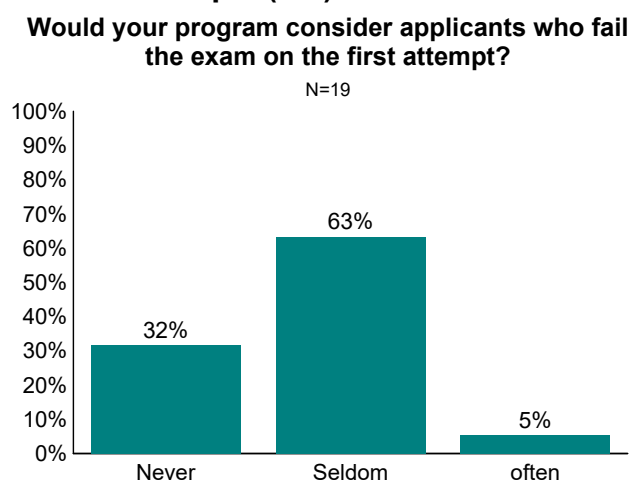
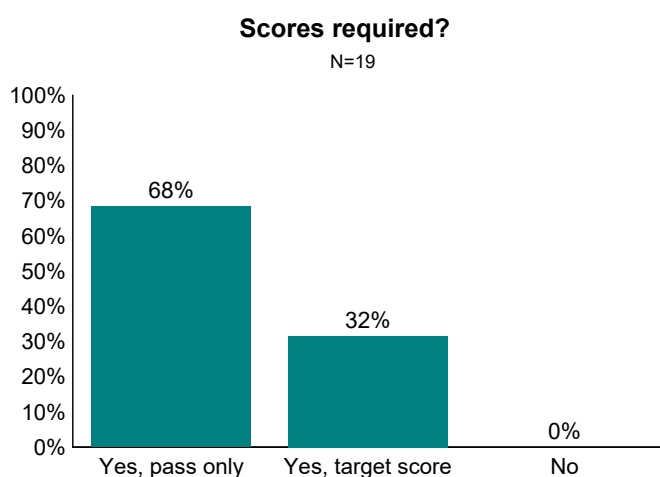
Figure-3

**Vascular Neurology
Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When
Considering Which Applicants to Interview**

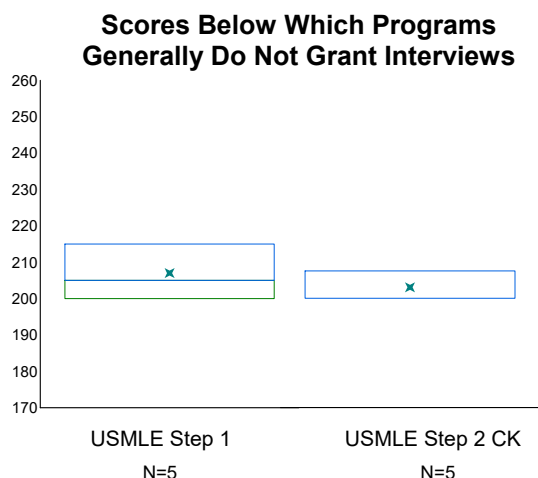
Percentage of Programs That Use USMLE Step 1 Score



Percentage of Programs That Use USMLE Step 2 (CK) Score



**IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs
Consider When Granting Interviews**



**Scores Above Which Programs
Almost Always Grant Interviews**

USMLE Step 1 not
reported because
of low response
rate

USMLE Step 2 CK
not reported
because of low
response rate

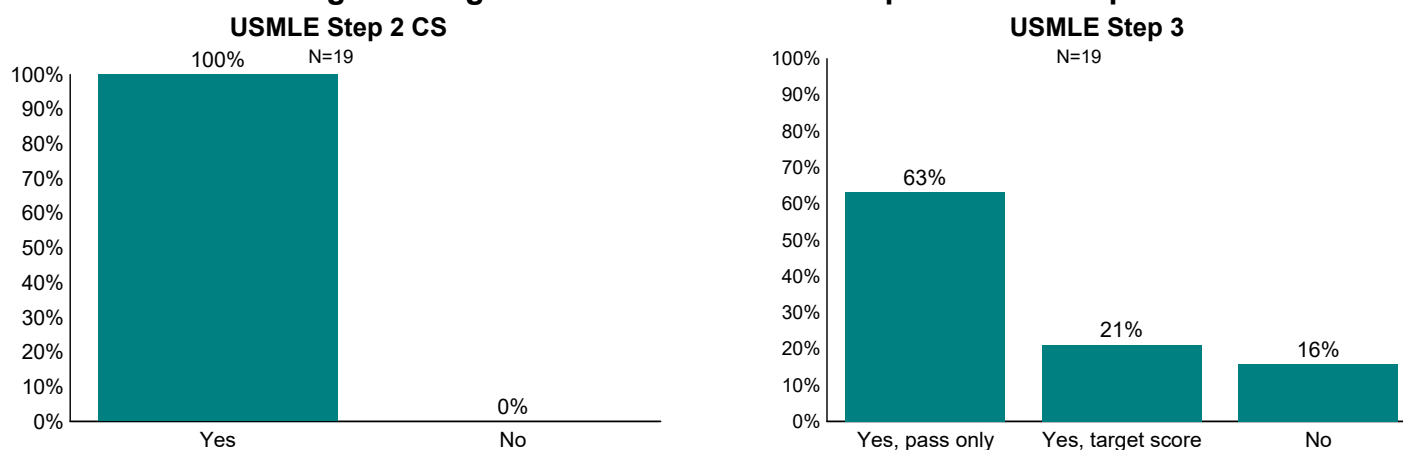
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

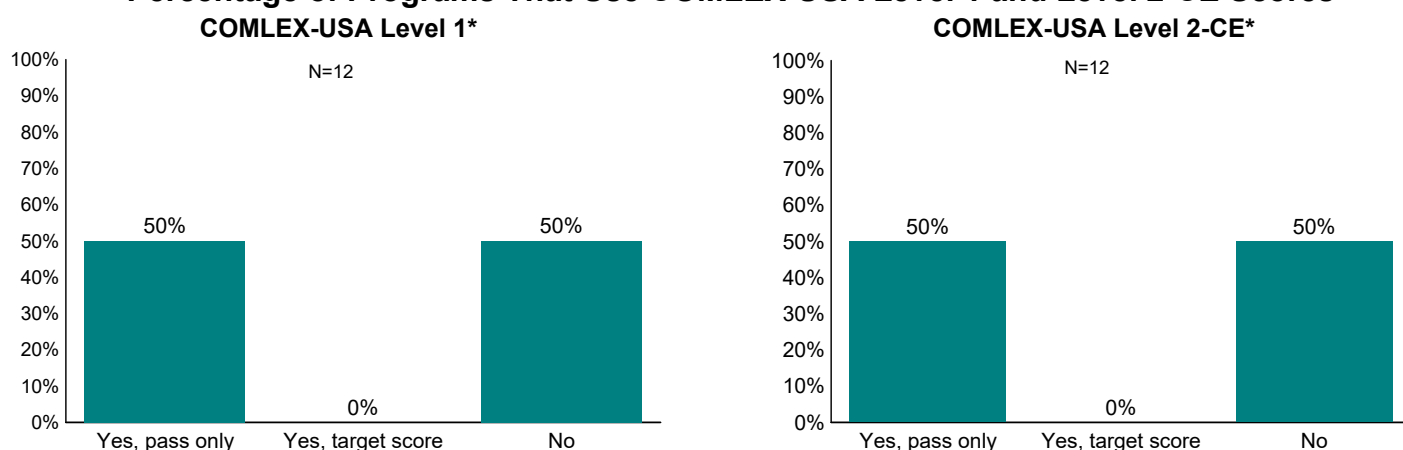
Vascular Neurology

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

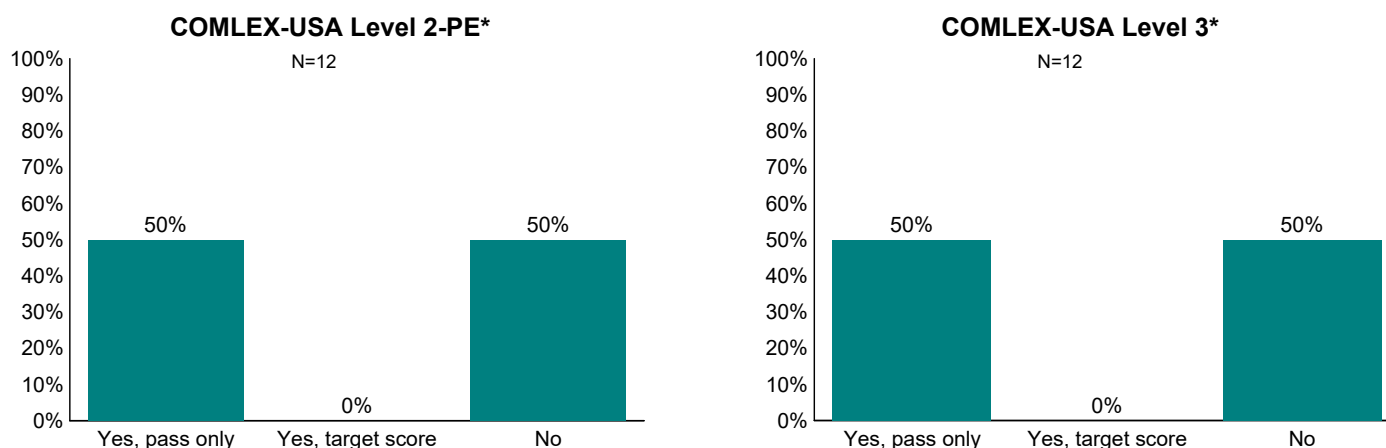
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Vascular Neurology Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

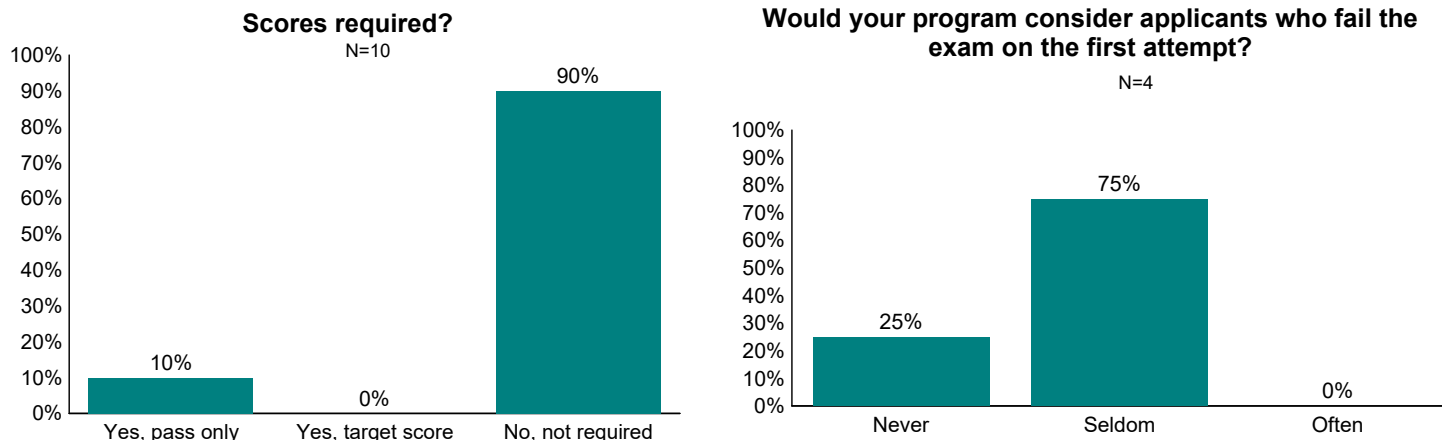


Figure-6

Vascular Neurology Programs Positions

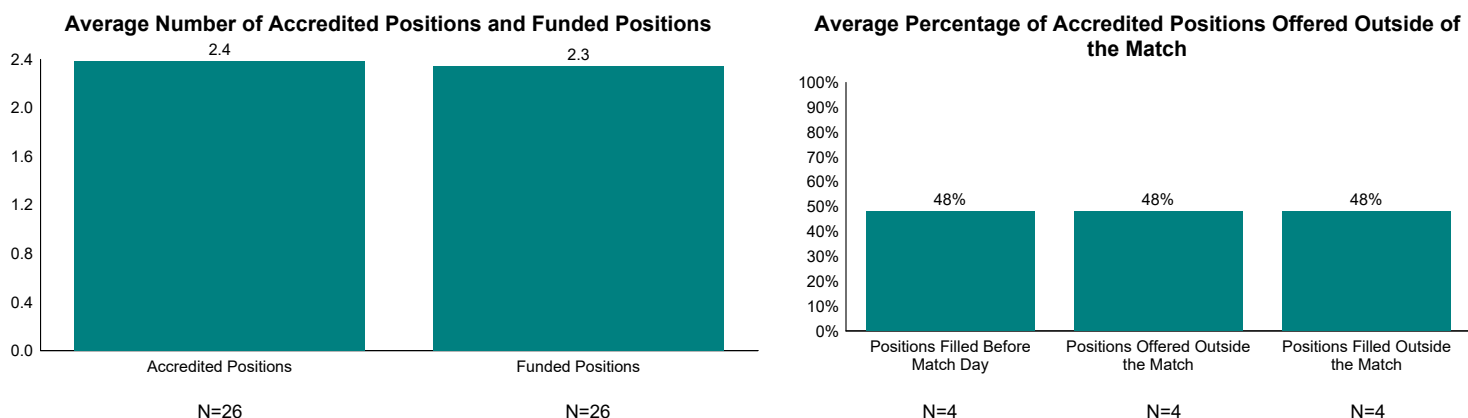
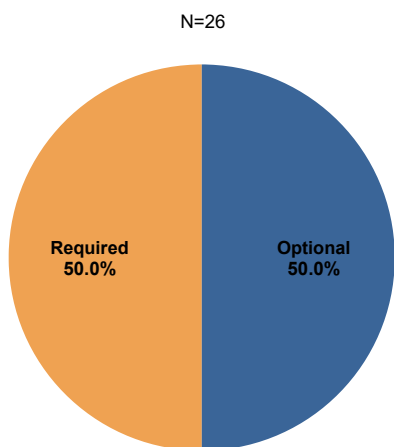


Figure-7

Vascular Neurology Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

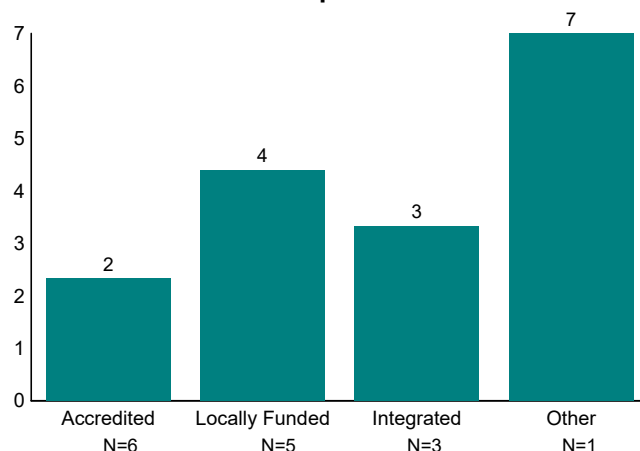
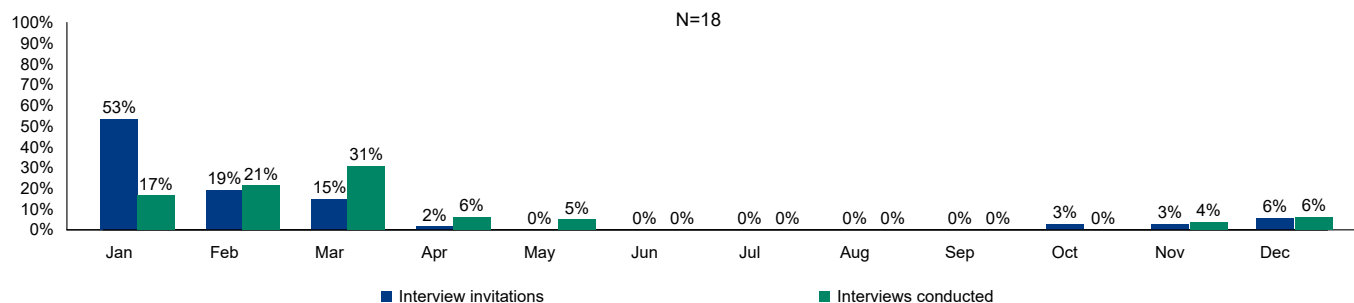


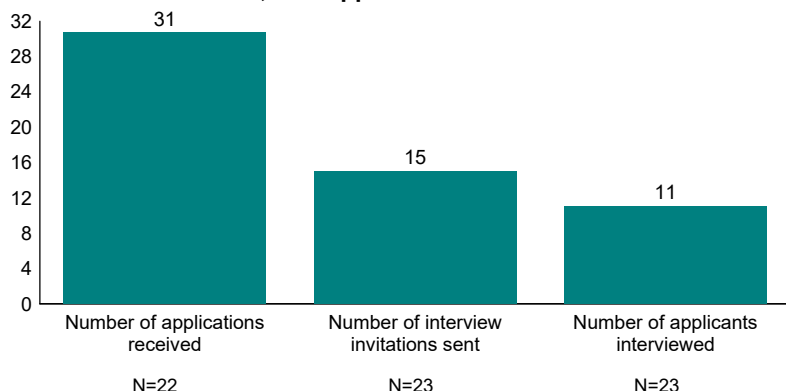
Figure-8

Vascular Neurology Program's Interview Activities

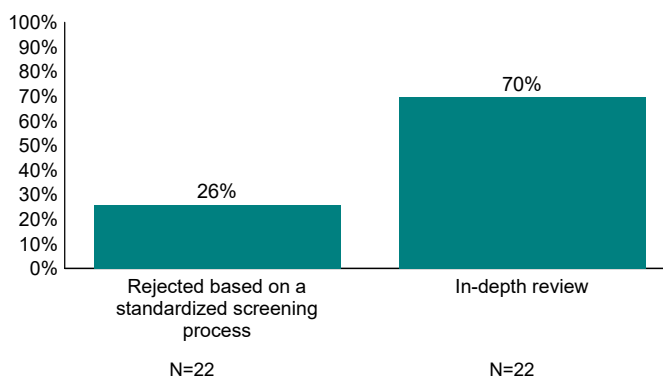
Interview Invitations Sent and Interviews Conducted



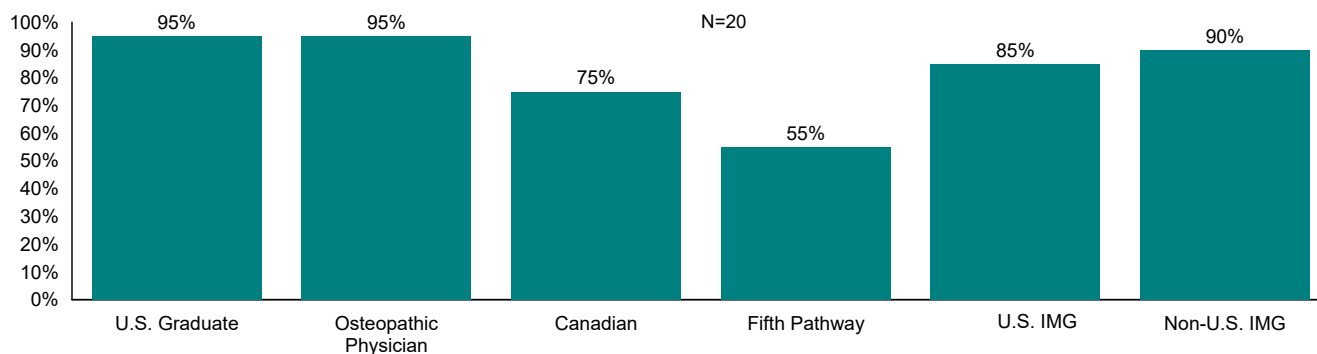
Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked



Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type
55% of Vascular Neurology programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

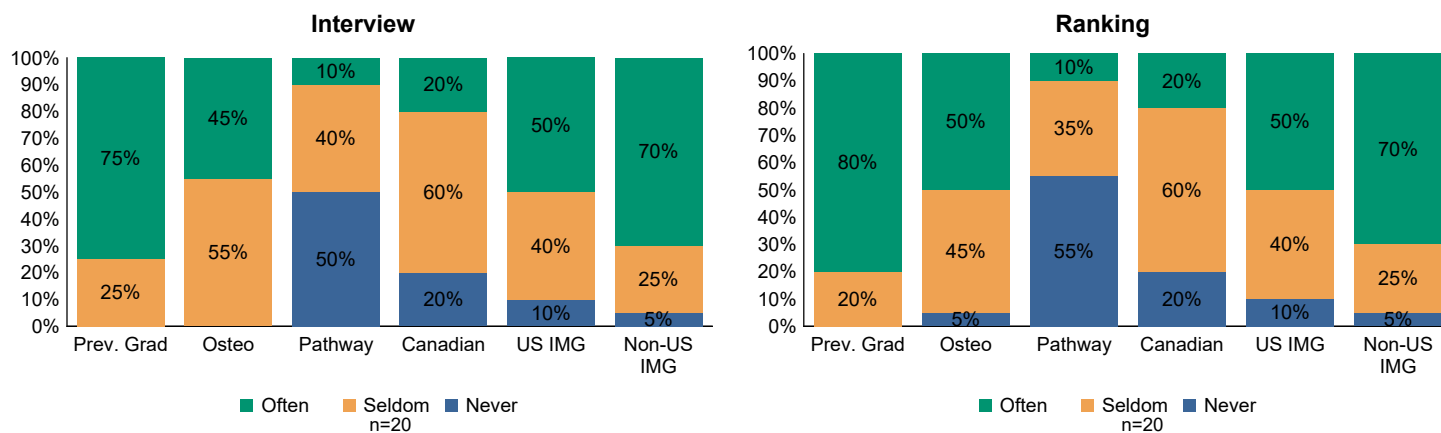


Figure-9

**Vascular Neurology
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=18

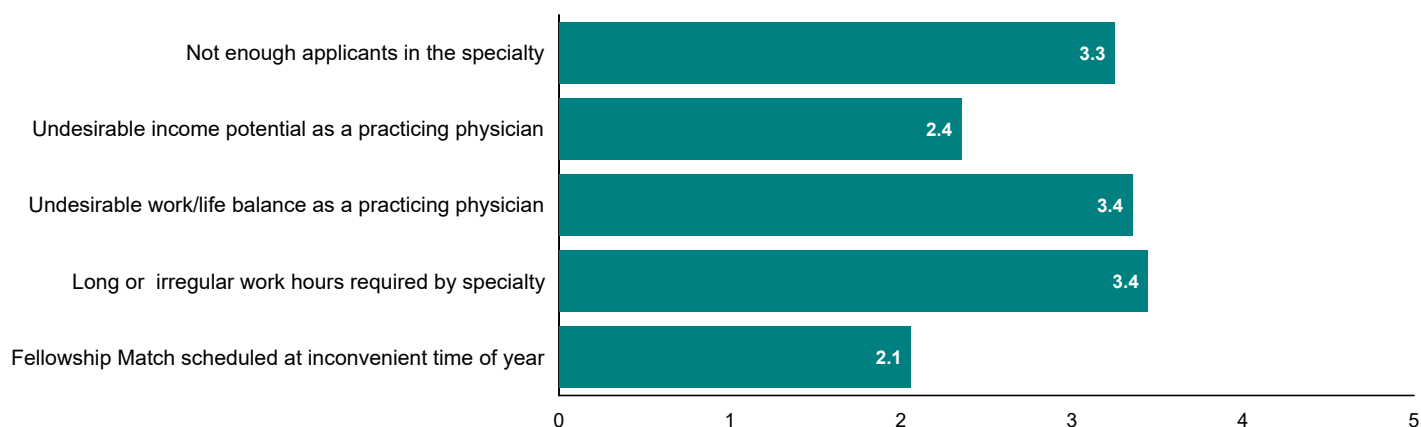


Figure-10

**Vascular Neurology
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=18

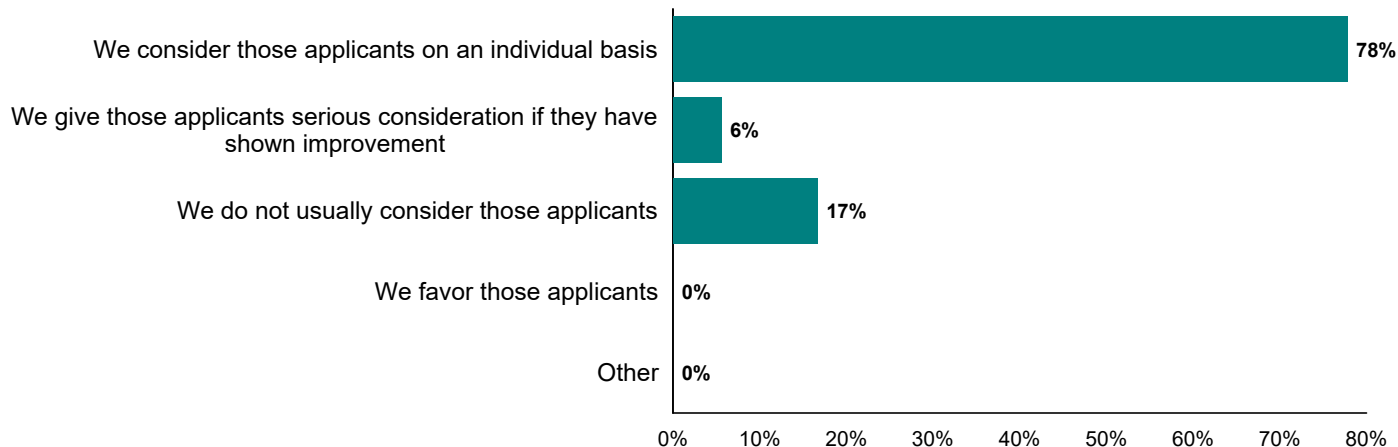
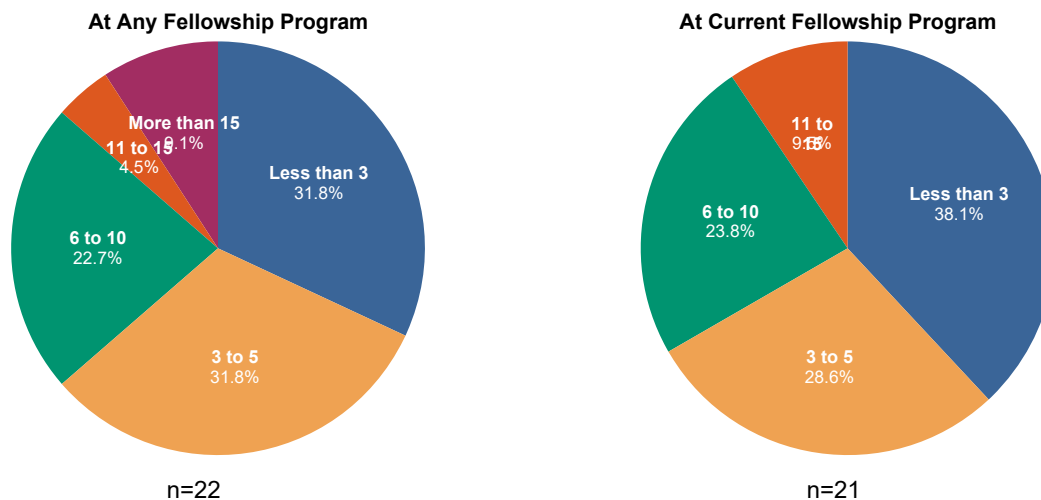


Figure-11

**Vascular Neurology
Years as Program Director**





Vascular Surgery

2016 Survey

Number of responses	24
Response rate	26.1%

Match Information*

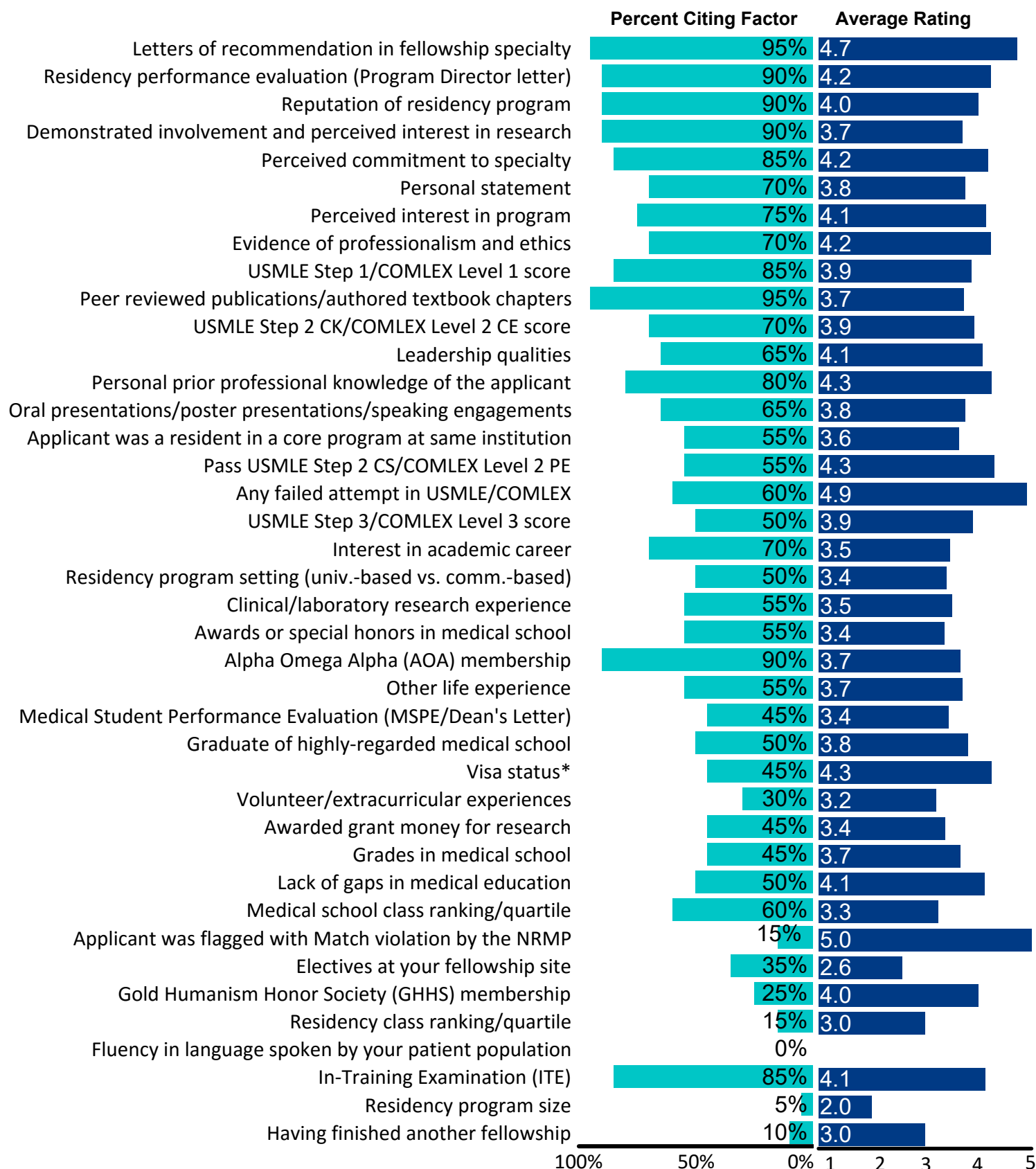
	Appointment Years		
	2016	2015	2014
Number of programs in the Match	92	90	86
Number of positions in the Match	121	115	115
Number of applicants ranking specialty	128	111	114

* Source: NRMP Data Warehouse

Figure-1

Vascular Surgery

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Selecting Applicants to Interview (N=20)



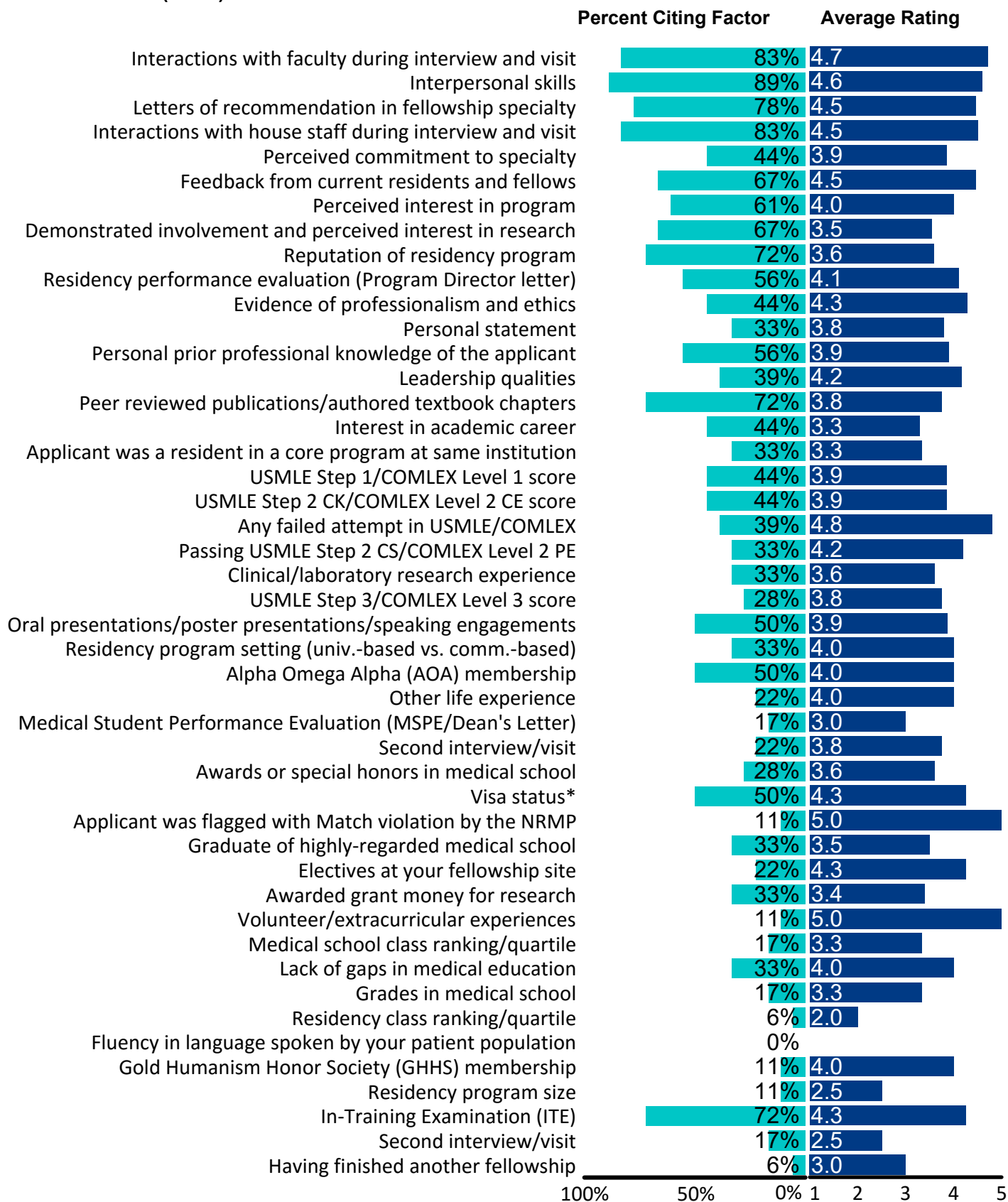
¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-2

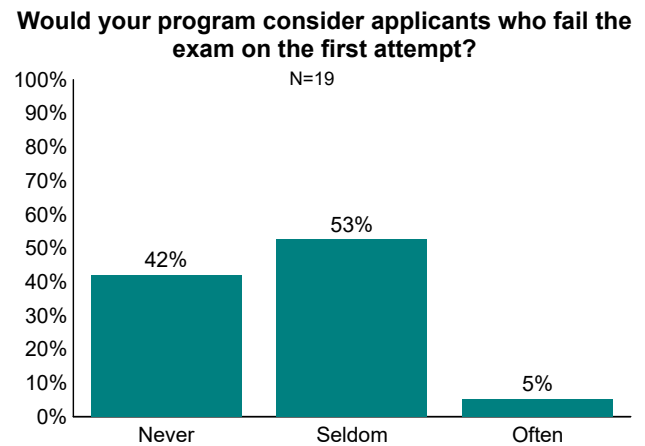
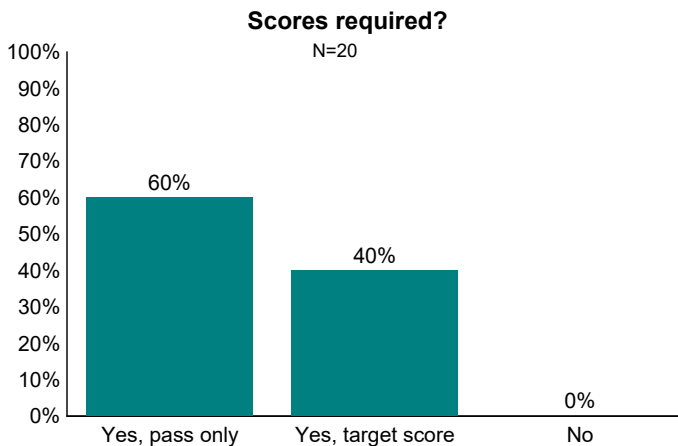
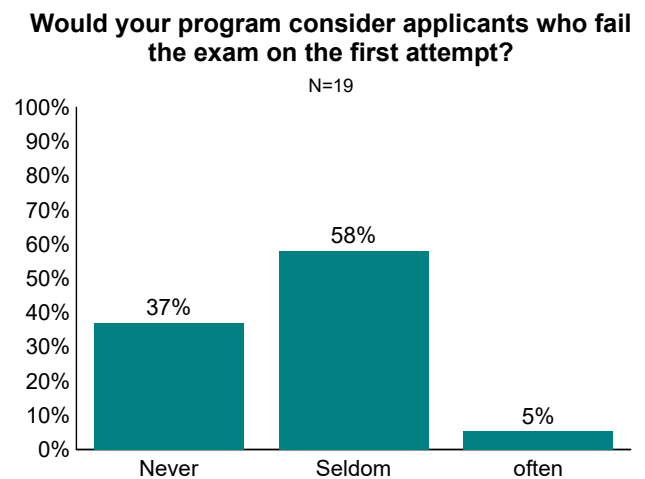
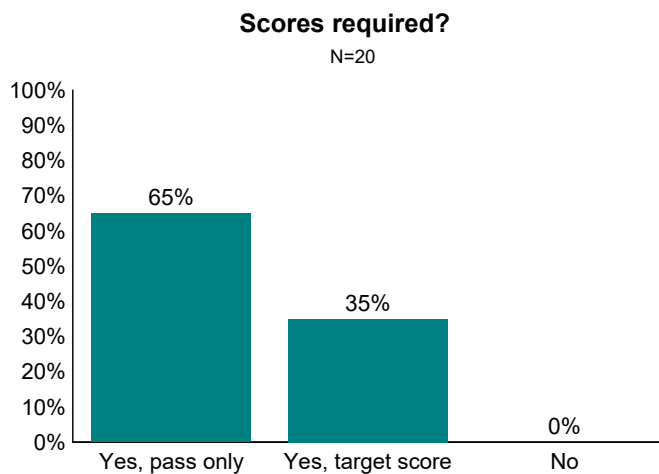
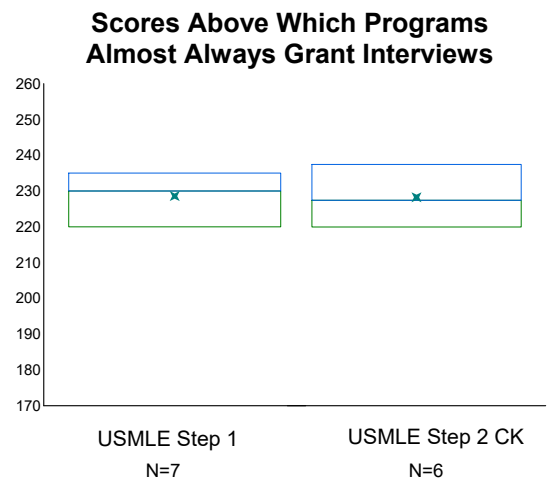
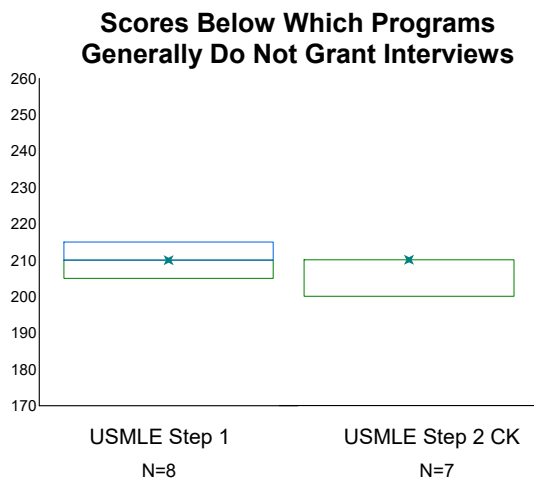
Vascular Surgery

Percentage of Programs Citing Each Factor and Mean Importance Rating¹ for Each Factor in Ranking Applicants (N=20)



¹ Ratings on a scale from 1 (not at all important) to 5 (very important).

* International Medical Graduates only

Figure-3**Vascular Surgery****Programs That Use USMLE Step 1 and Step 2 Clinical Knowledge (CK) Scores When Considering Which Applicants to Interview****Percentage of Programs That Use USMLE Step 1 Score****Percentage of Programs That Use USMLE Step 2 (CK) Score****IQR* of Average USMLE Step 1 and Step 2 CK Scores Programs Consider When Granting Interviews**

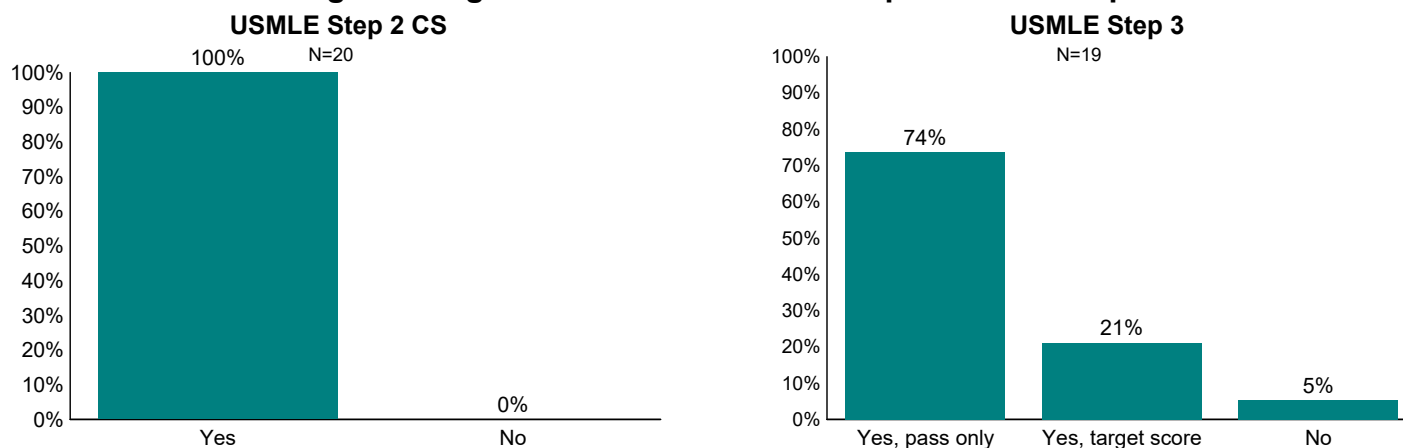
*The boxes in the boxplots represent the interquartile range (or IQR, which is the range between the 25th and 75th percentiles), and the line in the box is the median. The x-shaped symbol is the mean.

Figure-4

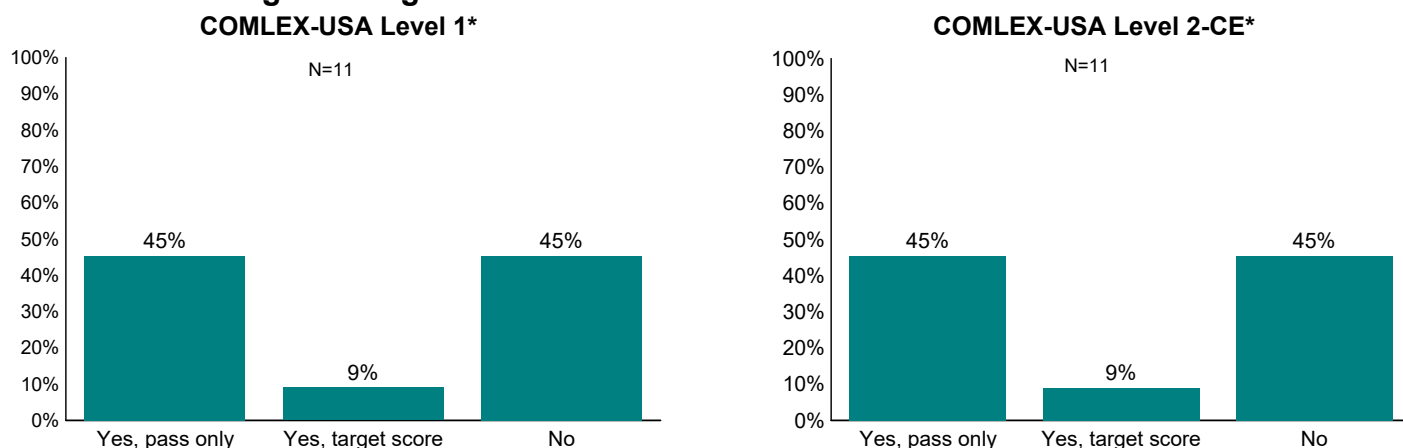
Vascular Surgery

Percentage of Programs That Use USMLE Step 2 Clinical Skill (CS), Step 3, and COMLEX-USA Scores* When Considering Which Applicants to Interview

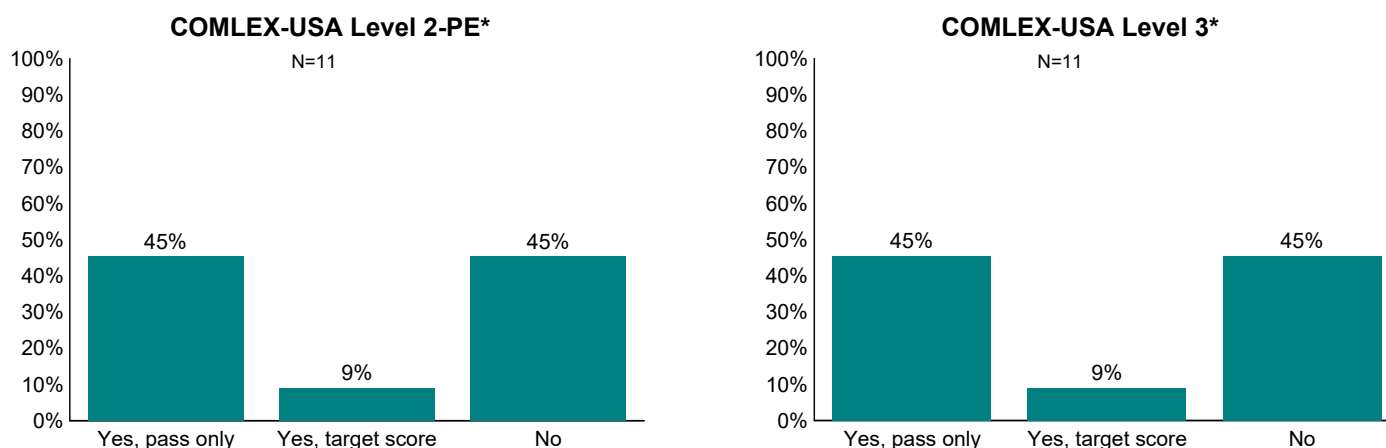
Percentage of Programs That Use USMLE Step 2 CS and Step 3 Scores



Percentage of Programs That Use COMLEX-USA Level 1 and Level 2-CE Scores



Percentage of Programs That Use COMLEX-USA Level 2-PE and Level 3 Scores



* Osteopathic applicants only

Figure-5

Vascular Surgery Programs That Use Core Specialty Certifying Examination When Considering Applicants for Interview

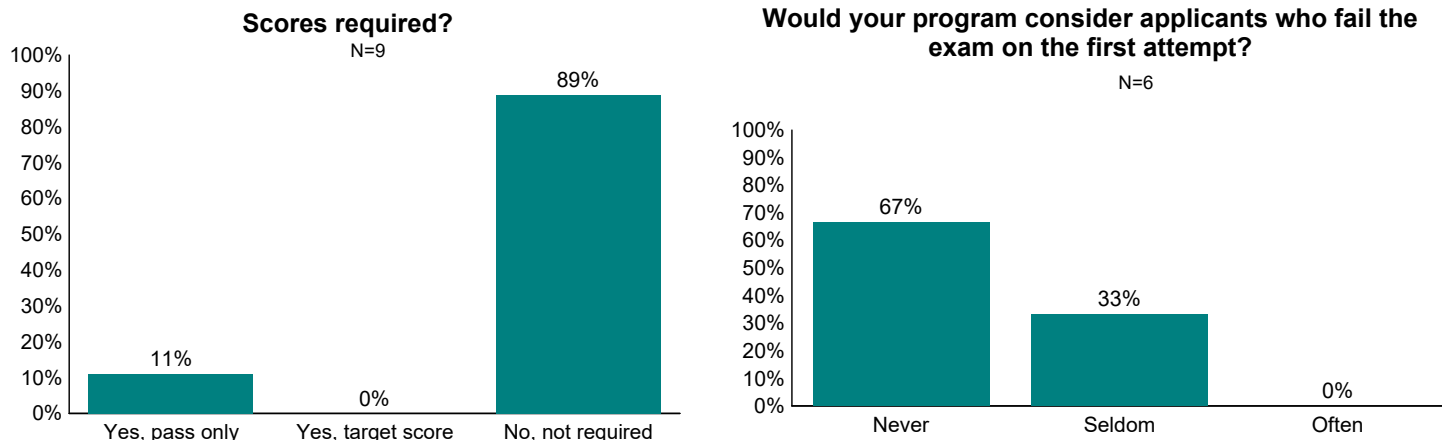


Figure-6

Vascular Surgery Programs Positions

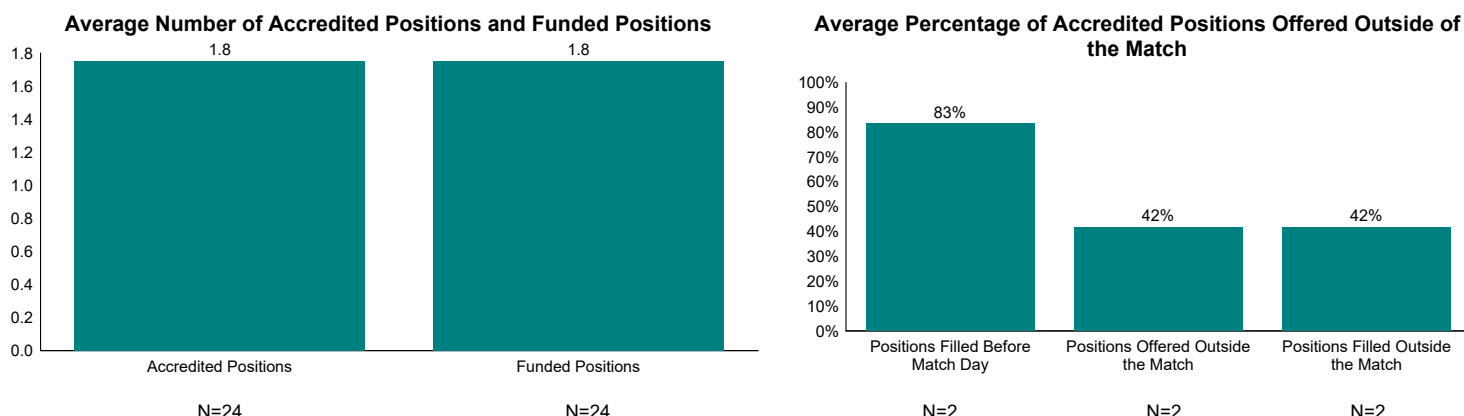
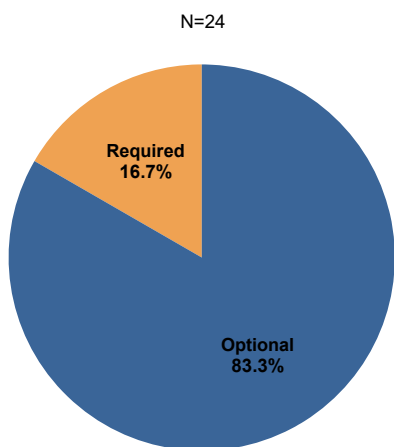


Figure-7

Vascular Surgery Dedicated Time for Research

Program Requirement on Dedicated Time for Research



Average Number of Months if Research Time is Required

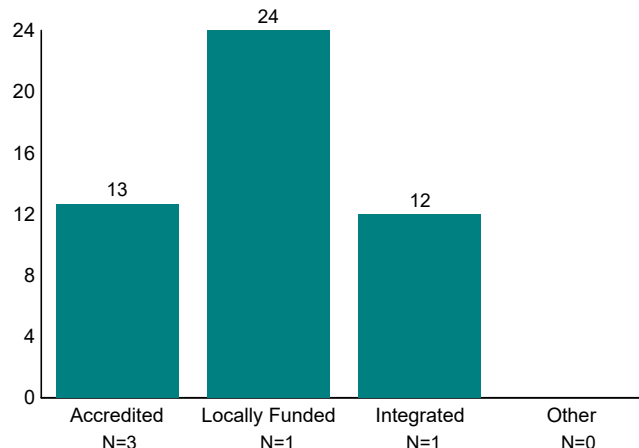
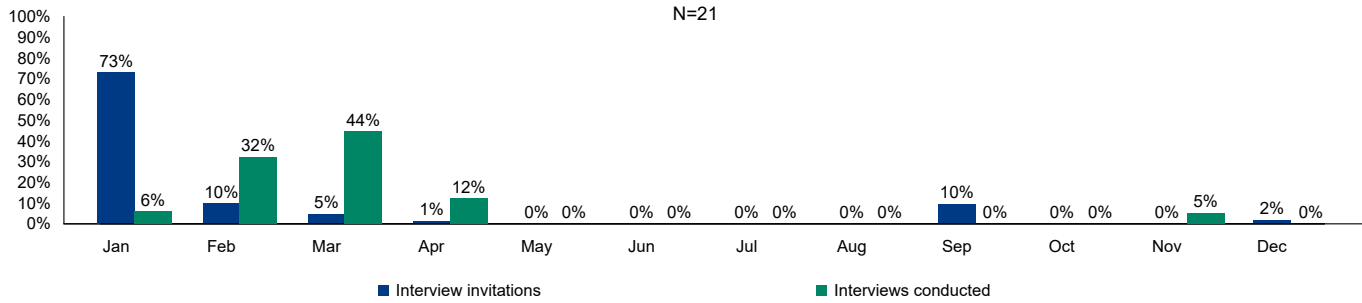


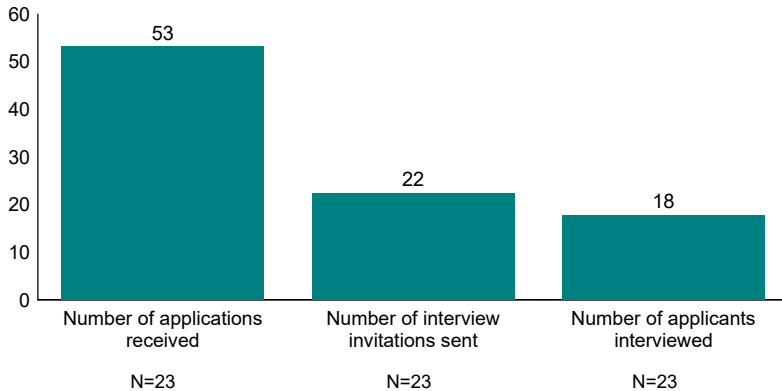
Figure-8

Vascular Surgery Program's Interview Activities

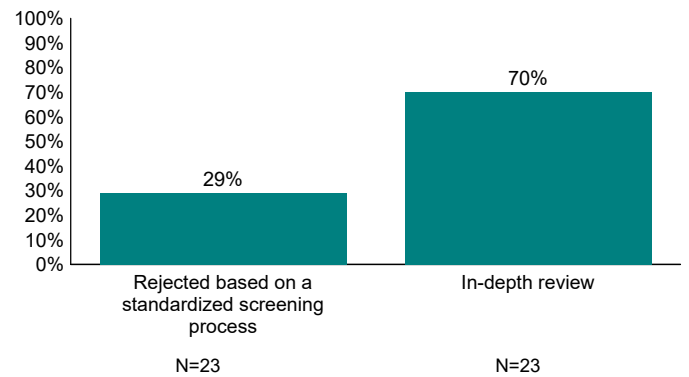
Interview Invitations Sent and Interviews Conducted



Average Number of Positions, Applications Received, Interview Invitations Sent, and Applicants Interviewed and Ranked

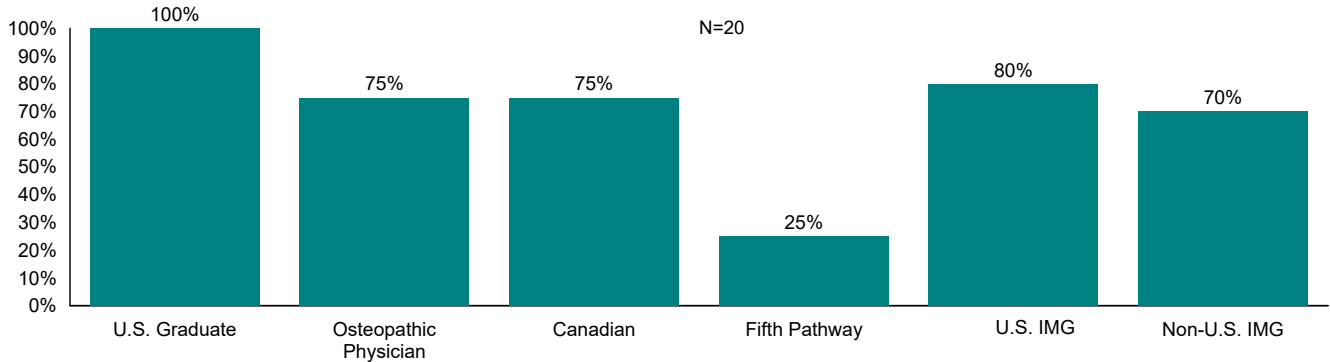


Average Percentage of Applicants Rejected and Reviewed



Percentage of Programs that Typically Interview and Rank Each Applicant Type

20% of Vascular Surgery programs consider all applicant groups



Frequency of Programs Interviewing and Ranking Candidates

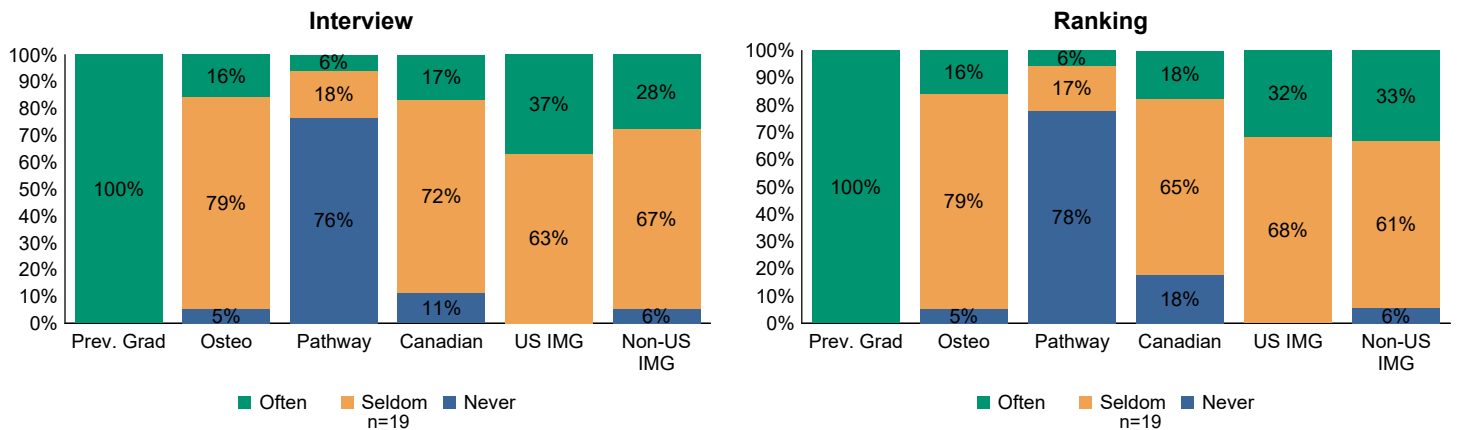


Figure-9

**Vascular Surgery
Potential Challenges in Recruiting Applicants to Your Specialty**

Average rating on a scale of 5 (1=least challenging; 5=most challenging)
n=17

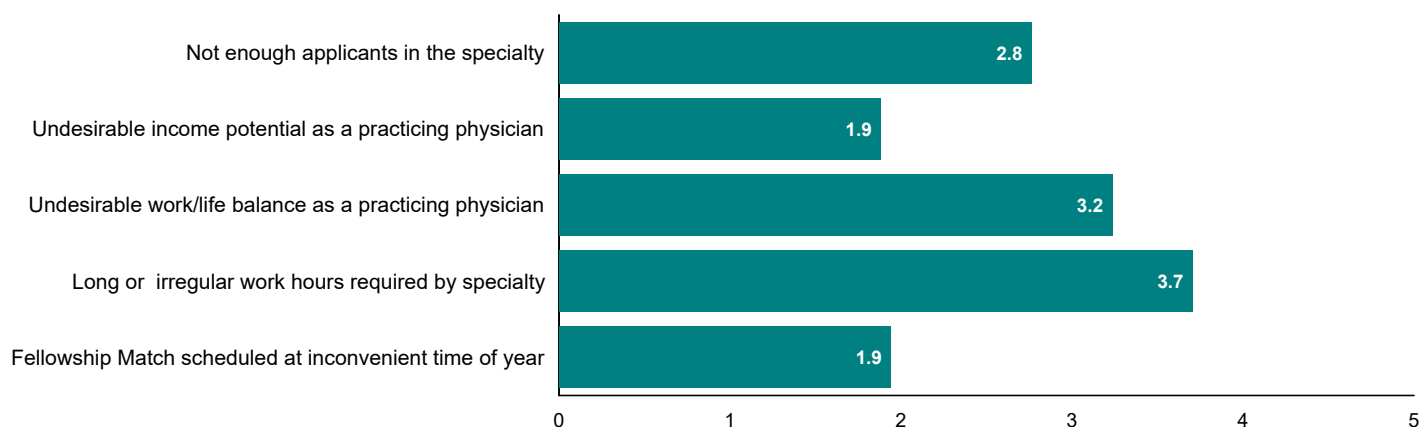


Figure-10

**Vascular Surgery
Applicants Who Applied in the Specialty in the Past But Did Not Match**

n=17

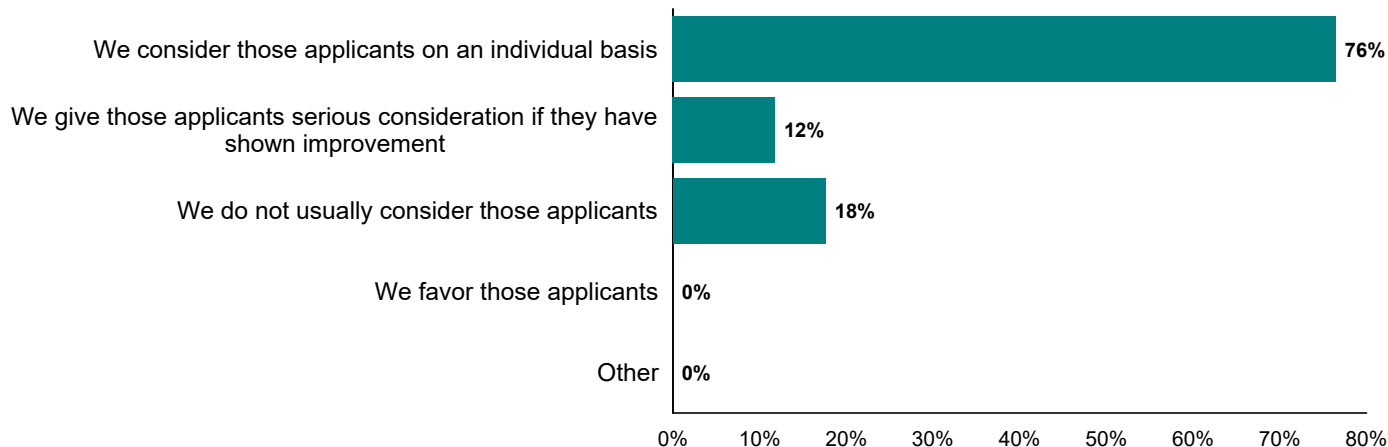


Figure-11

**Vascular Surgery
Years as Program Director**

