

2023 CaRMS FORUM

MAY 4, 2023





2023 MATCH YEAR



AGENDA



R-1 match overview



Focus on IMGs



Equity, diversity & inclusion

Data from the CaRMS self-identification questionnaire



Focus on Family Medicine

Unmatched CMGs

Key takeaways

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R-1 match overview

Applicant pool breakdown 2023

First and second iterations combined

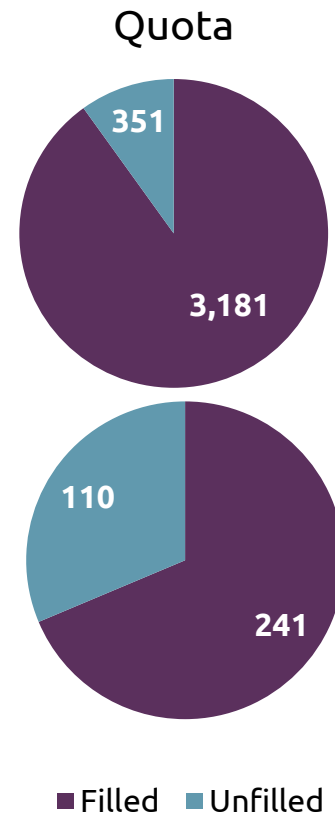
	Registrants	Inactive/ withdrawn	Active applicants	ROL not submitted	Final participants*
CMG	3,050	40	3,010	18	2,992
USMG	39	14	25	3	22
IMG	2,105	295	1,810	260	1,550

*Final participants: submitted a rank order list
Does not double count if an applicant participates in first and second iterations

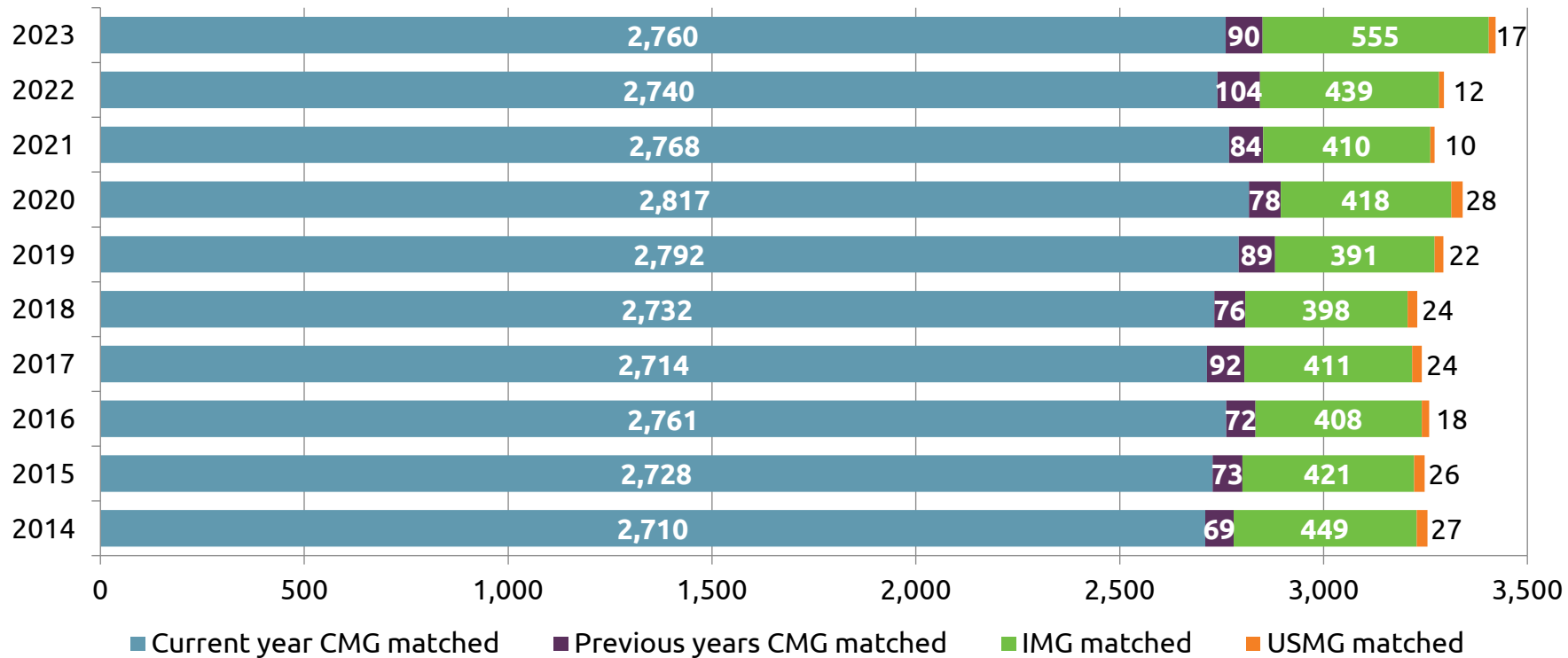
2023 R-1 match national highlights

First iteration						
Applicant type	Current year graduates			Previous years graduates		
	Matched	% Matched	Unmatched	Matched	% Matched	Unmatched
CMG	2,677	93.5%	187	66	90.4%	7
USMG	13	86.7%	2	3	60.0%	2
IMG	99	72.3%	38	323	30.1%	751

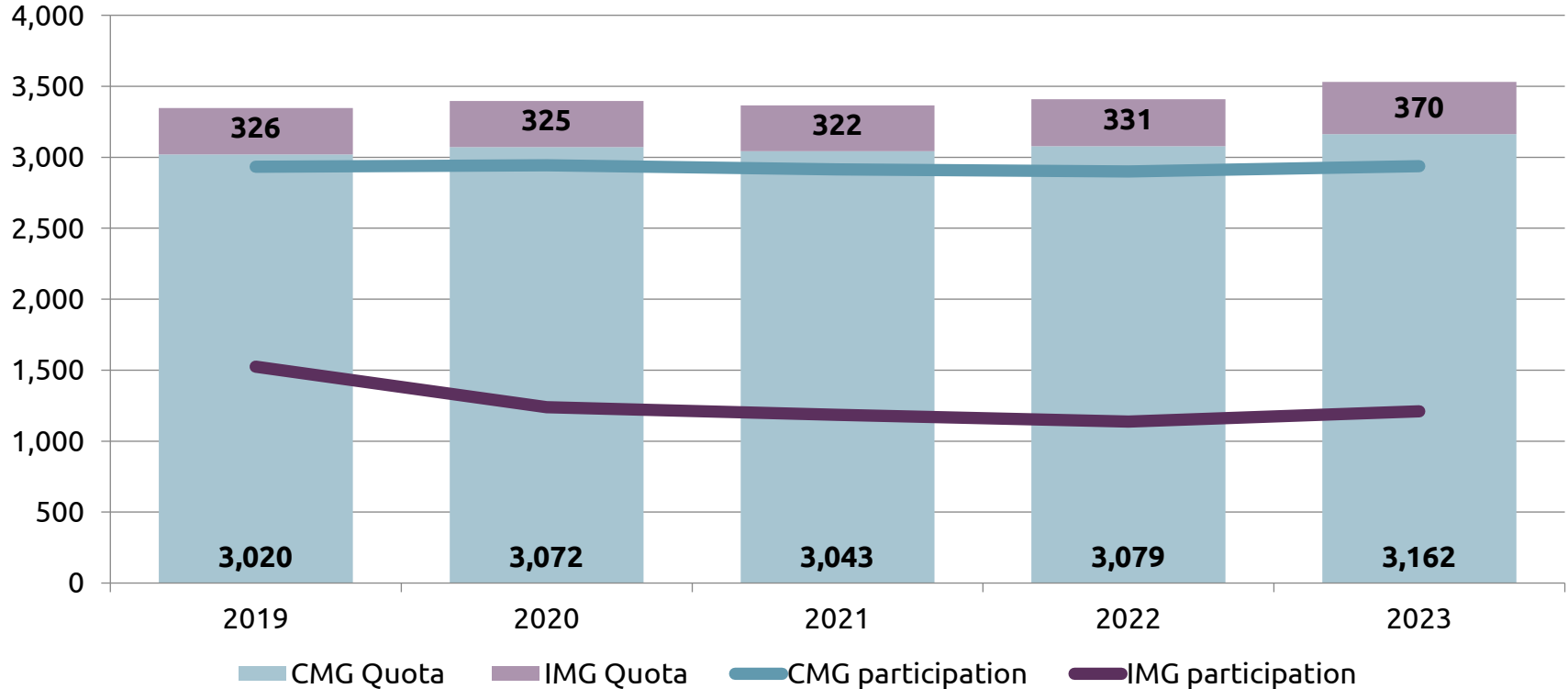
Second iteration							
Applicant type	Current year graduates			Previous years graduates			
	Matched	% Matched	Unmatched	Matched without prior PG training	Matched with prior PG training	% Matched	Unmatched
CMG	83	60.6%	54	4	20	43.6%	31
USMG	0	0.0%	1	1	0	33.3%	2
IMG	16	39.0%	25	113	4	12.5%	822



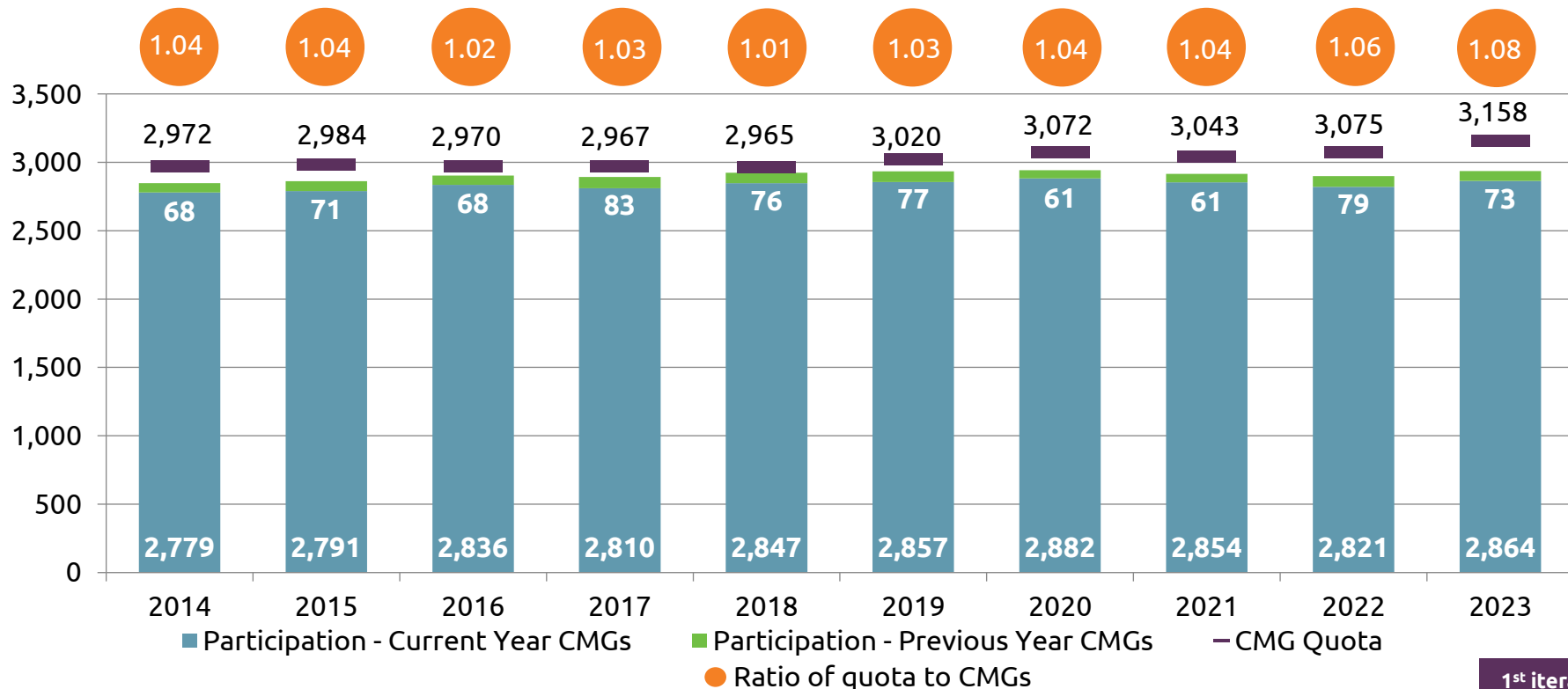
Who entered postgraduate training in Canada



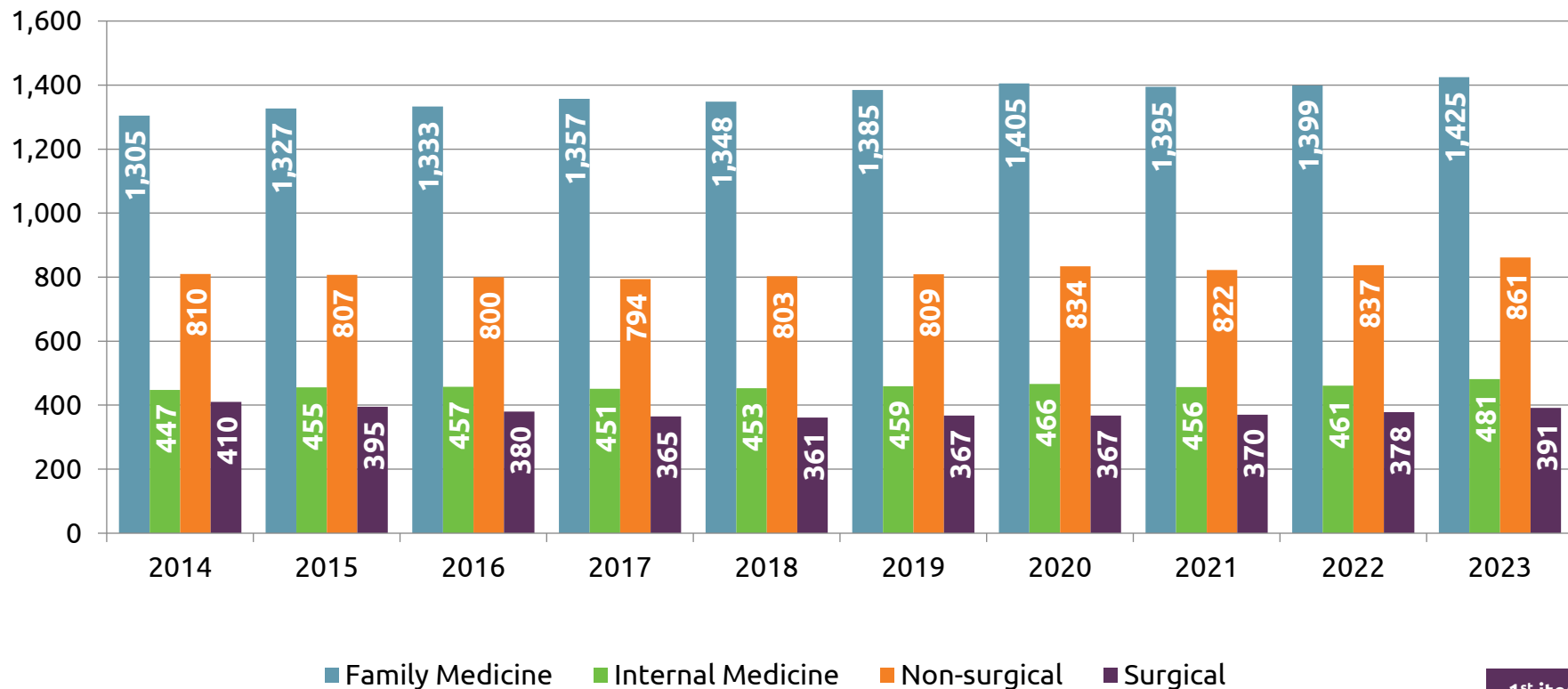
First iteration participation and quota



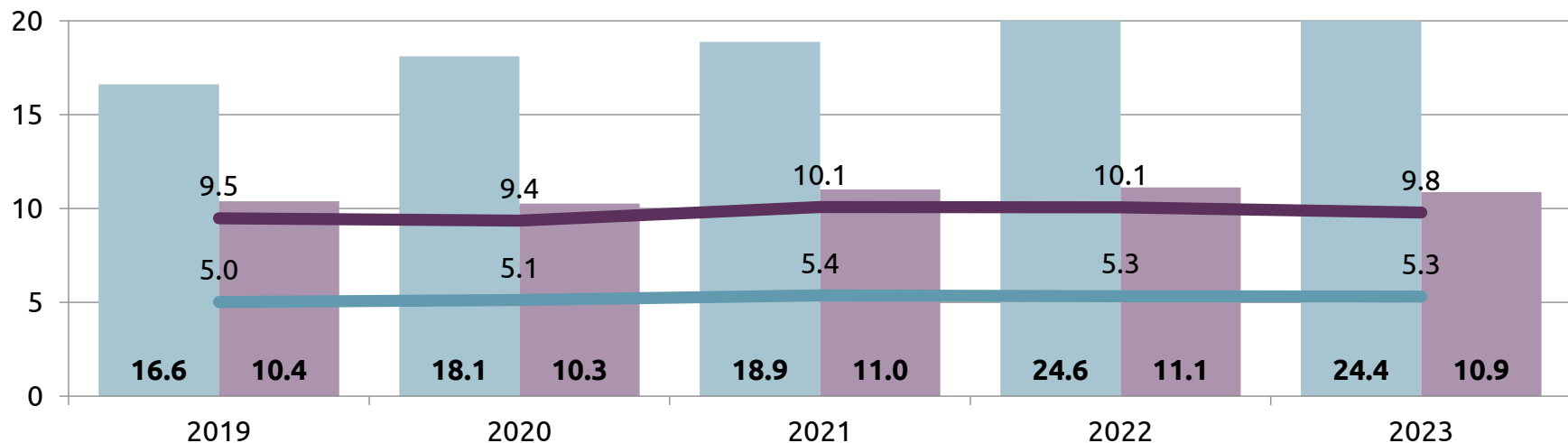
CMG quota, participation and ratio



Positions offered for CMGs, by discipline group

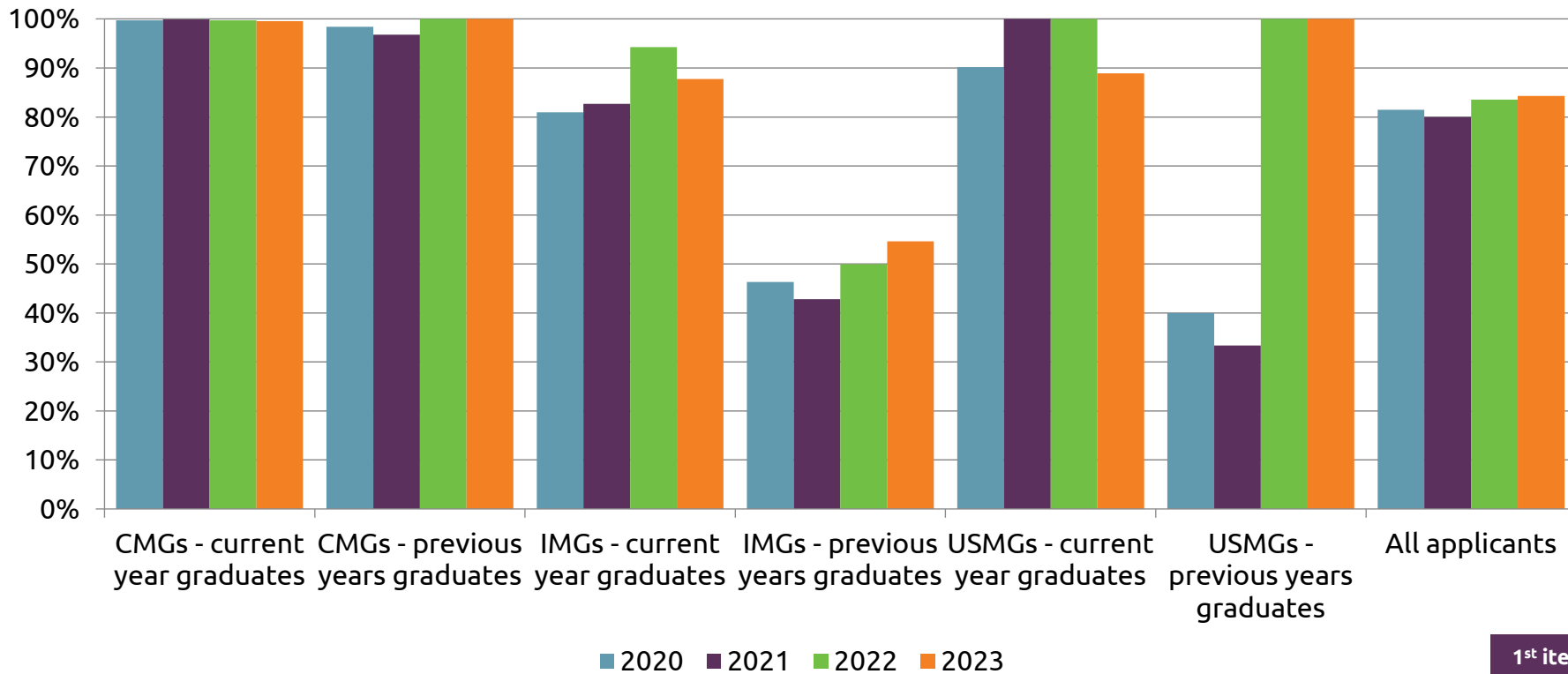


Applications submitted and distinct school/discipline combinations

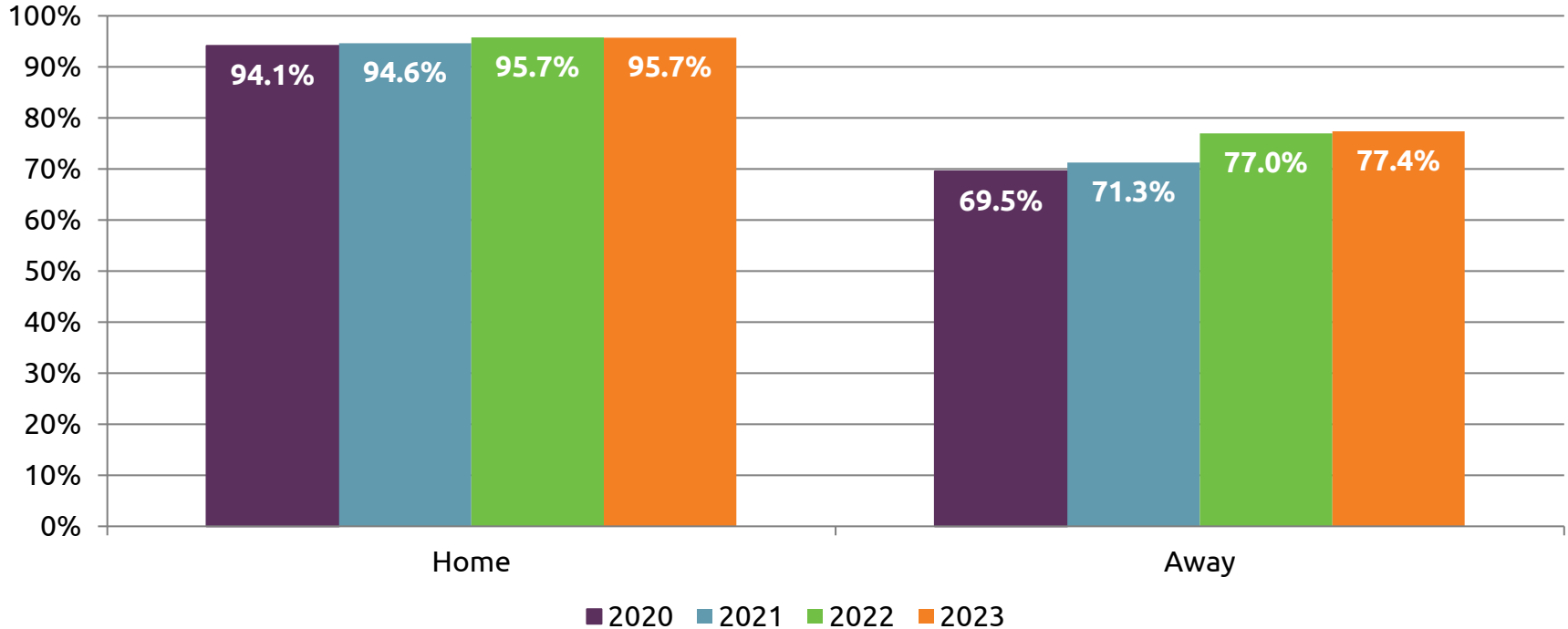


- Average number of applications (training sites) - Family Medicine
- Average number of applications (training sites) - all disciplines other than Family Medicine
- Average number of school/disciplines applied to - Family Medicine
- Average number of school/disciplines applied to - all disciplines other than Family Medicine

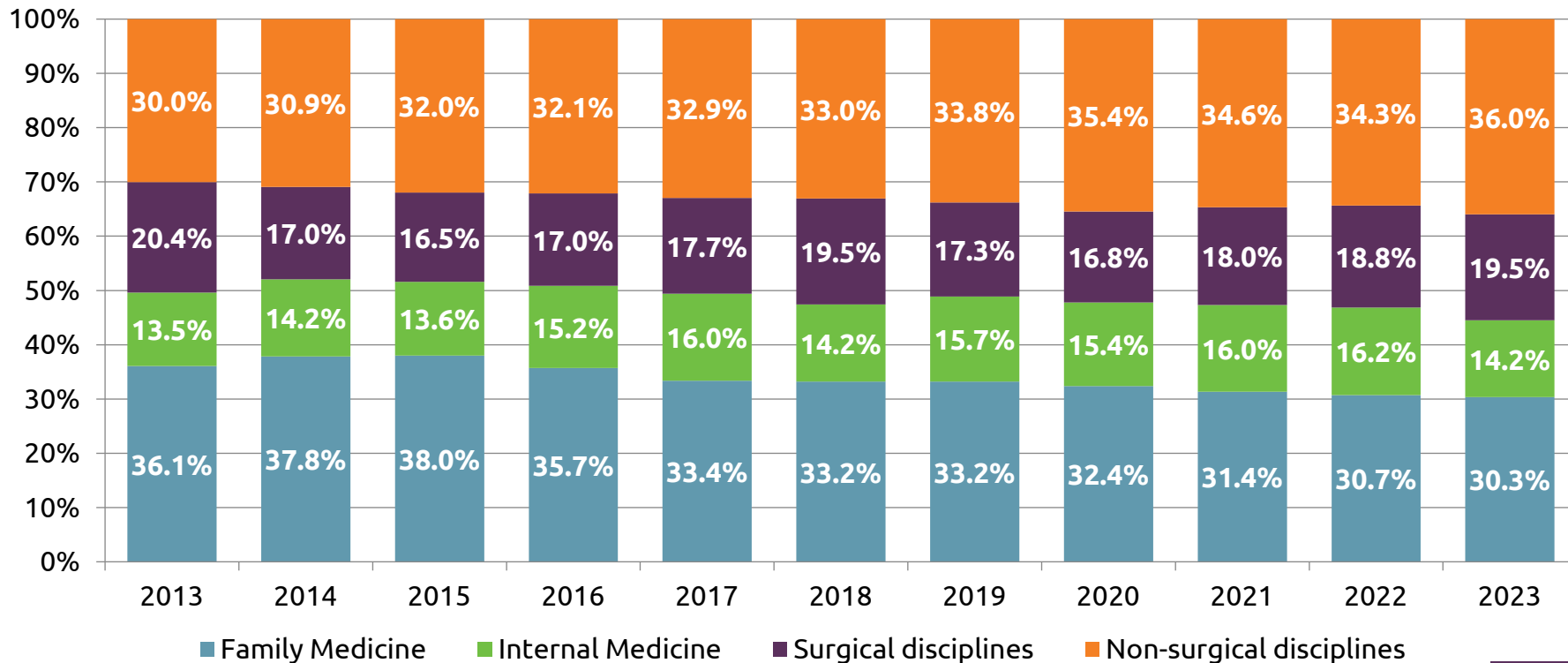
Applicants offered at least one interview



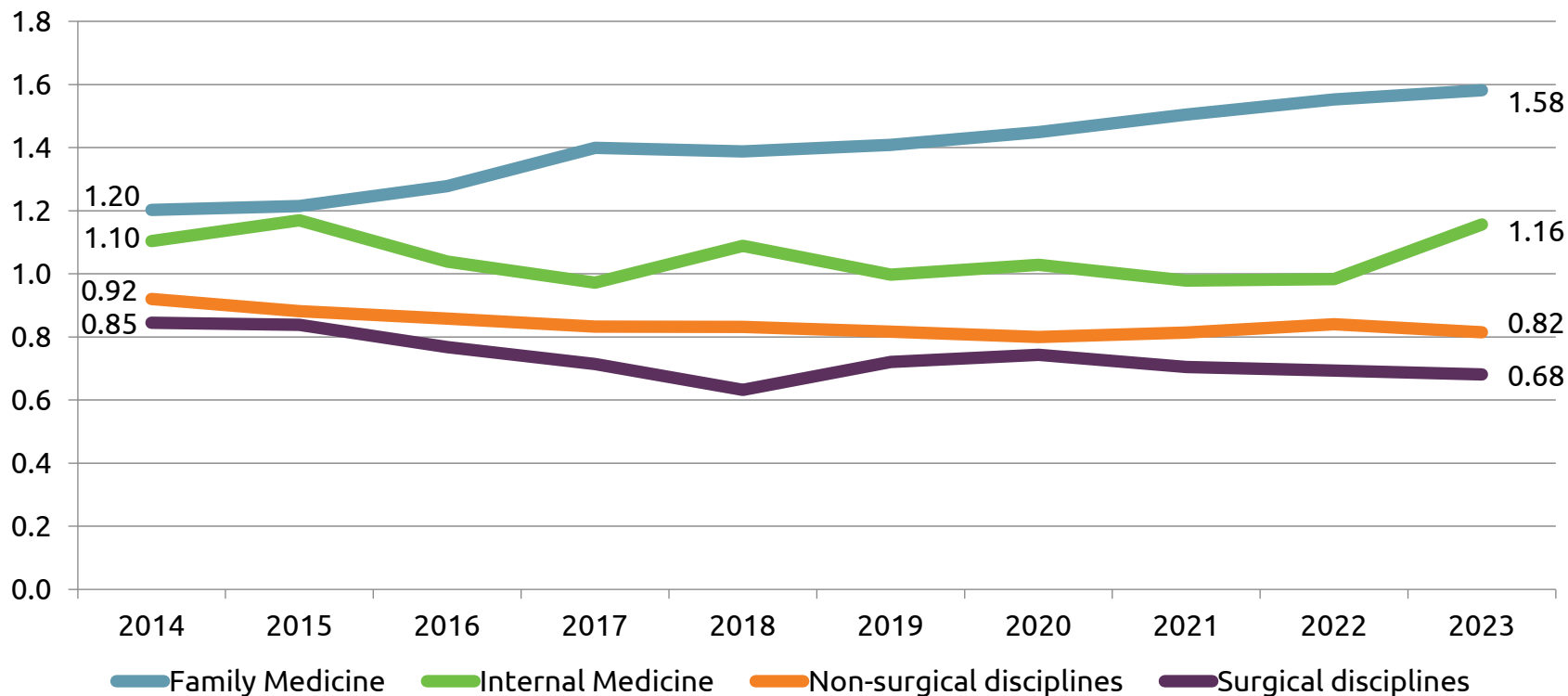
CMG applications resulting in an interview offer



CMG discipline choices



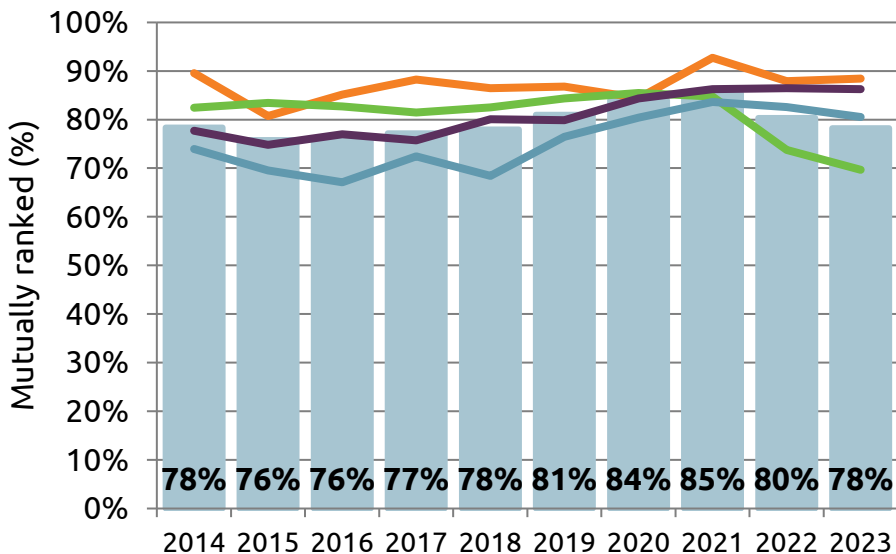
Changes in CMG supply and demand, 2014 – 2023



Mutually ranked CMG applications: Home and Away

Home CMG applications

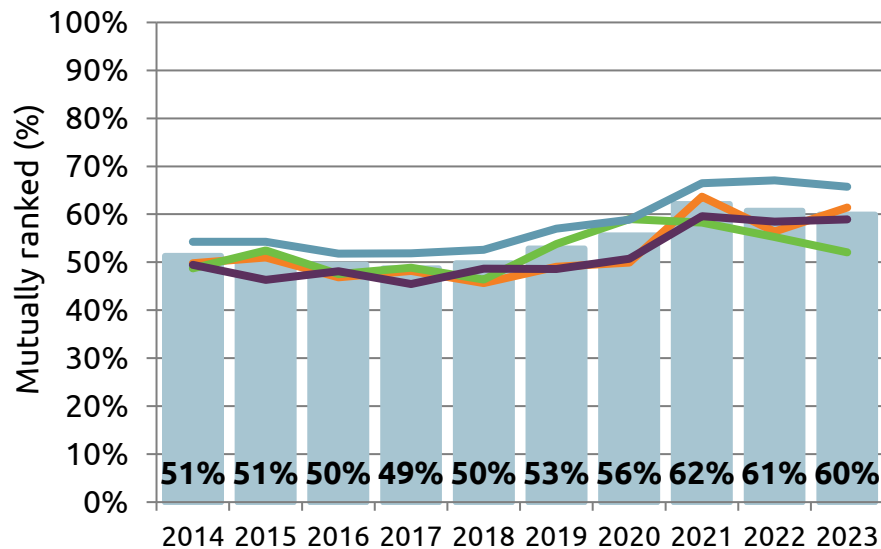
Applications of CMGs applying to the school where they did their medical studies



■ National
 ■ Eastern
 ■ Quebec
 ■ Ontario
 ■ Western

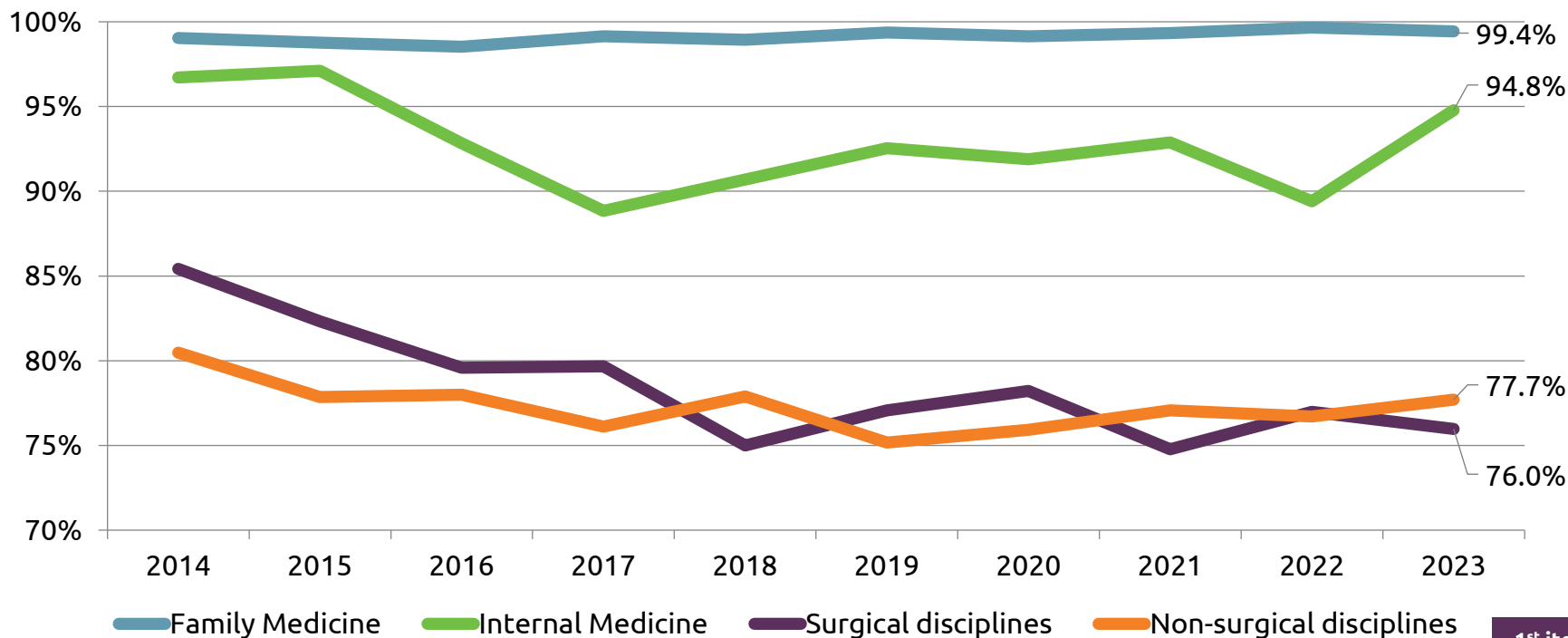
Away CMG applications

Applications of CMGs applying to schools where they did not do their medical studies

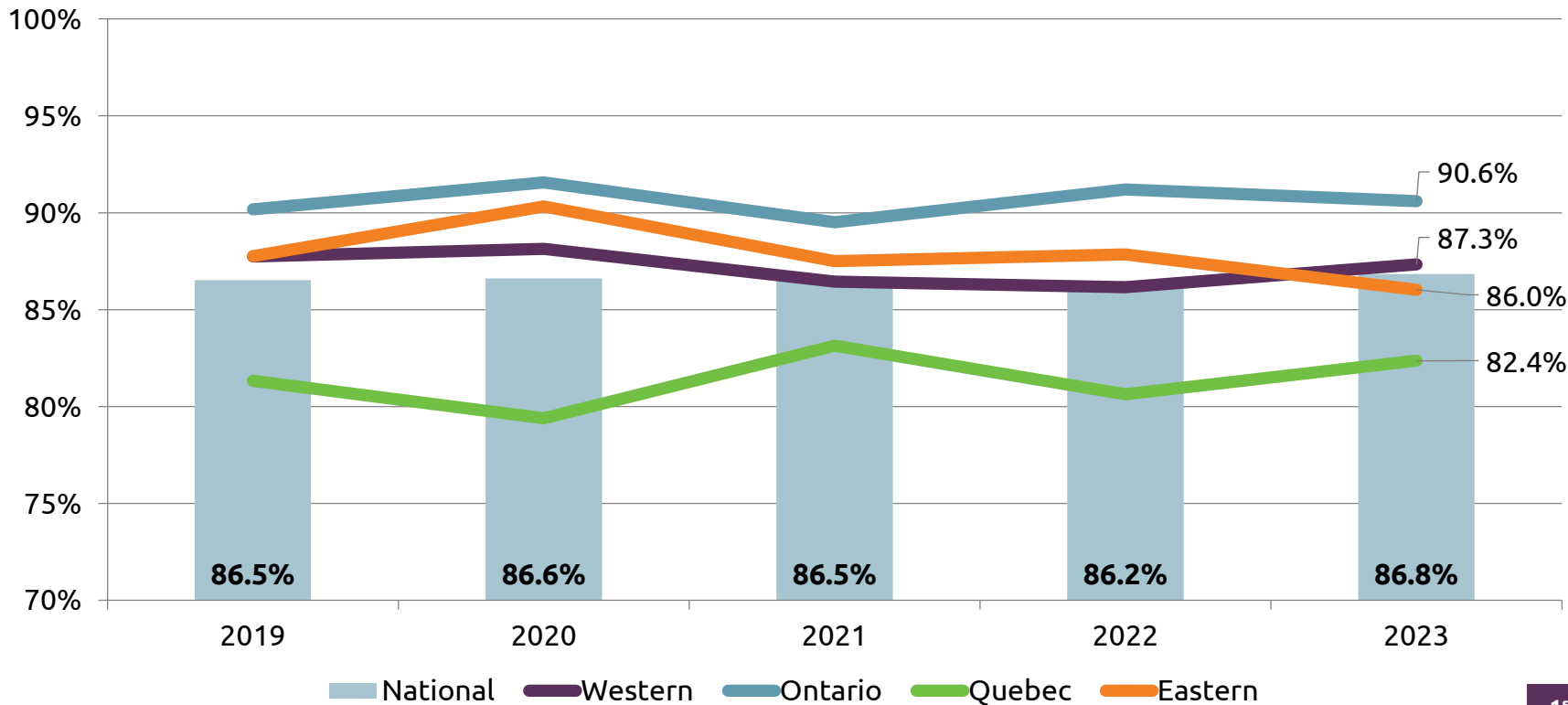


■ National
 ■ Eastern
 ■ Quebec
 ■ Ontario
 ■ Western

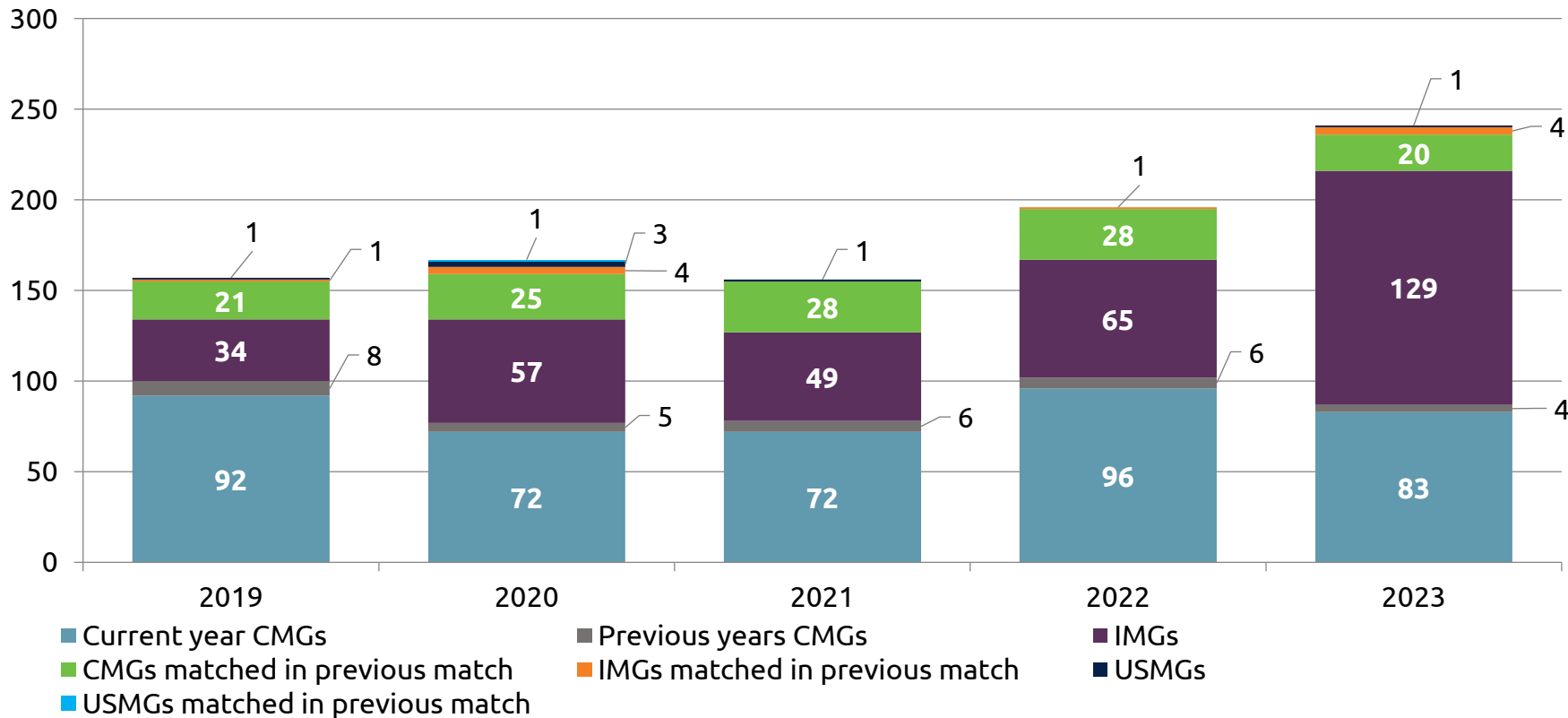
CMGs matched to first choice discipline, by discipline group



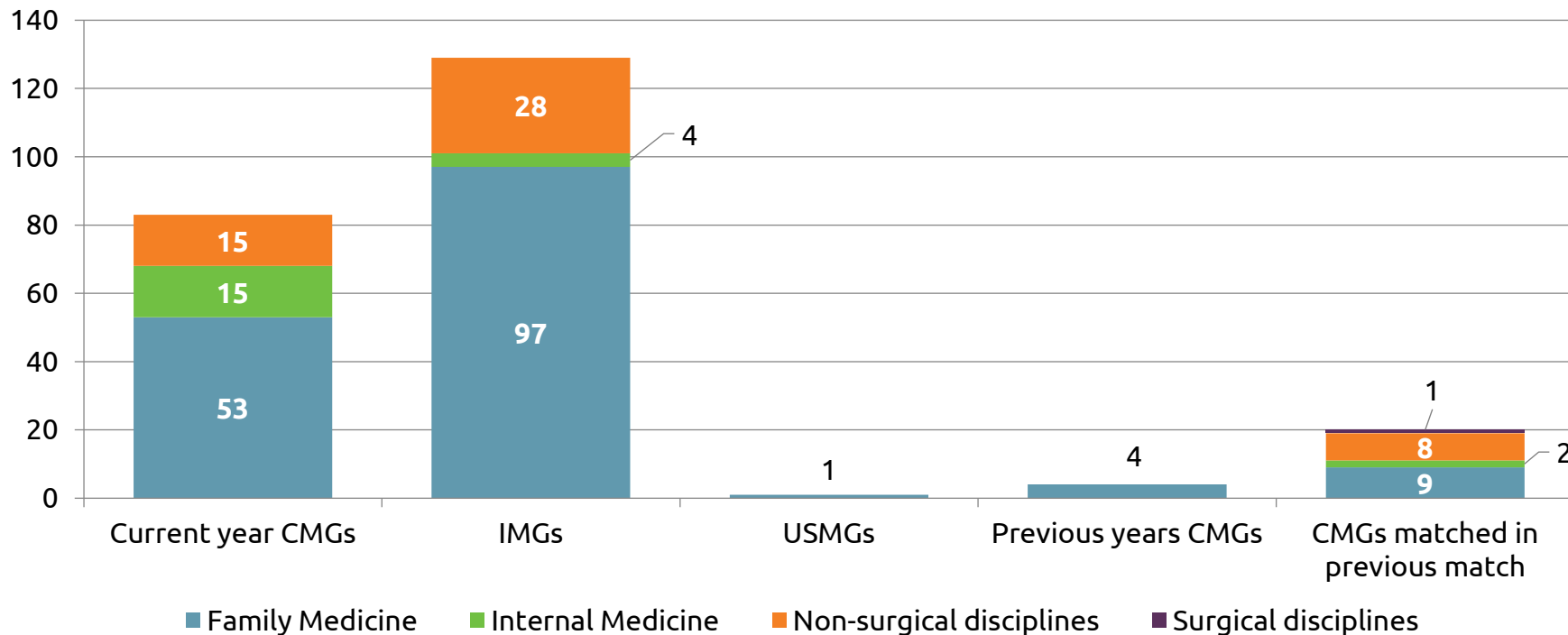
CMGs matched to first choice discipline, by region



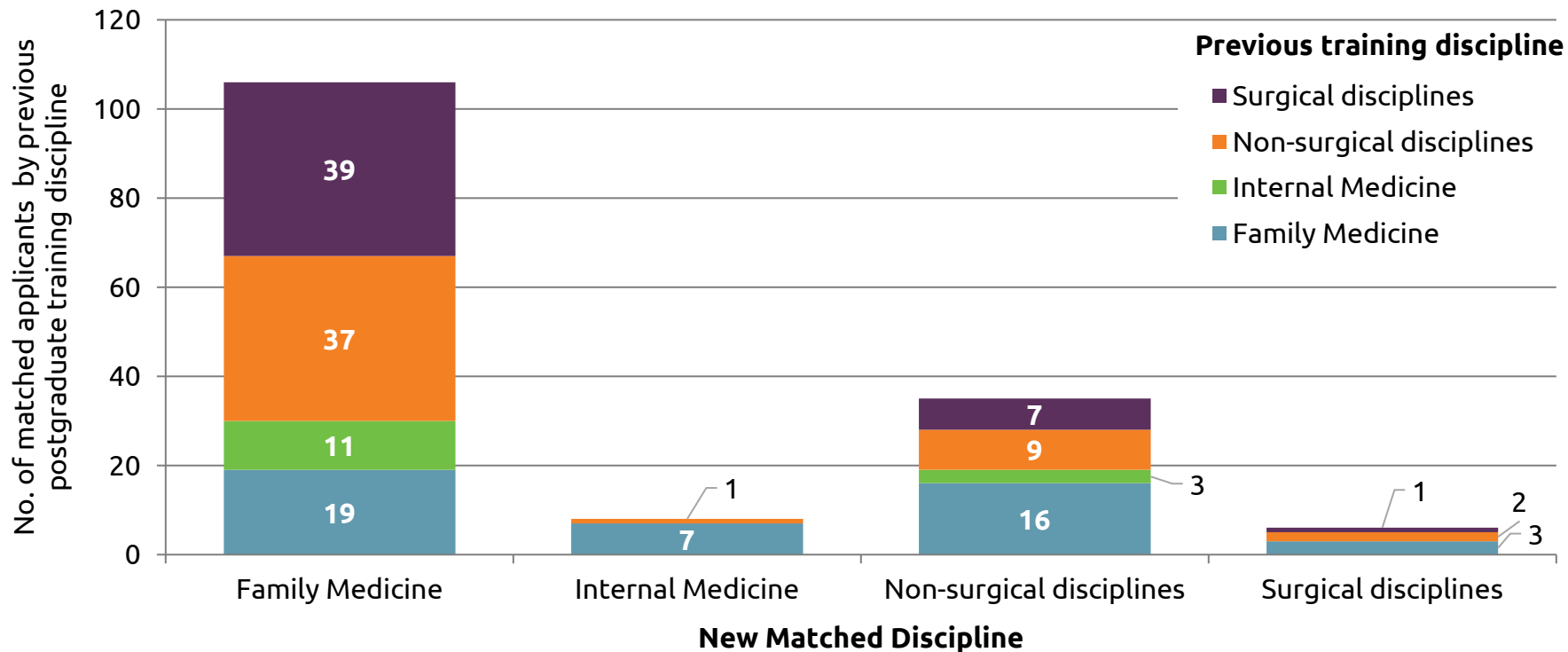
Second iteration filled positions by applicant type



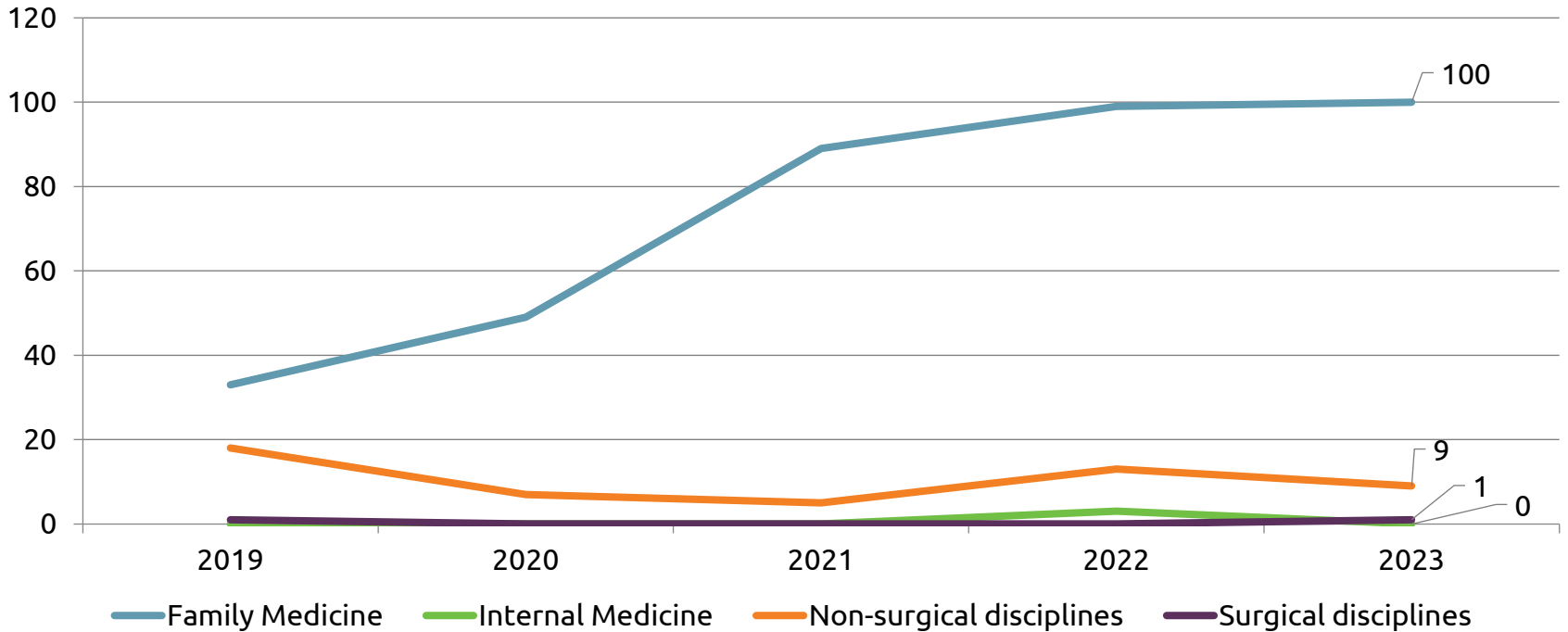
2023 second iteration filled positions by applicant type and position discipline



Matched CMGs with prior post-graduate training, by old and new matched discipline (2017 – 2023)



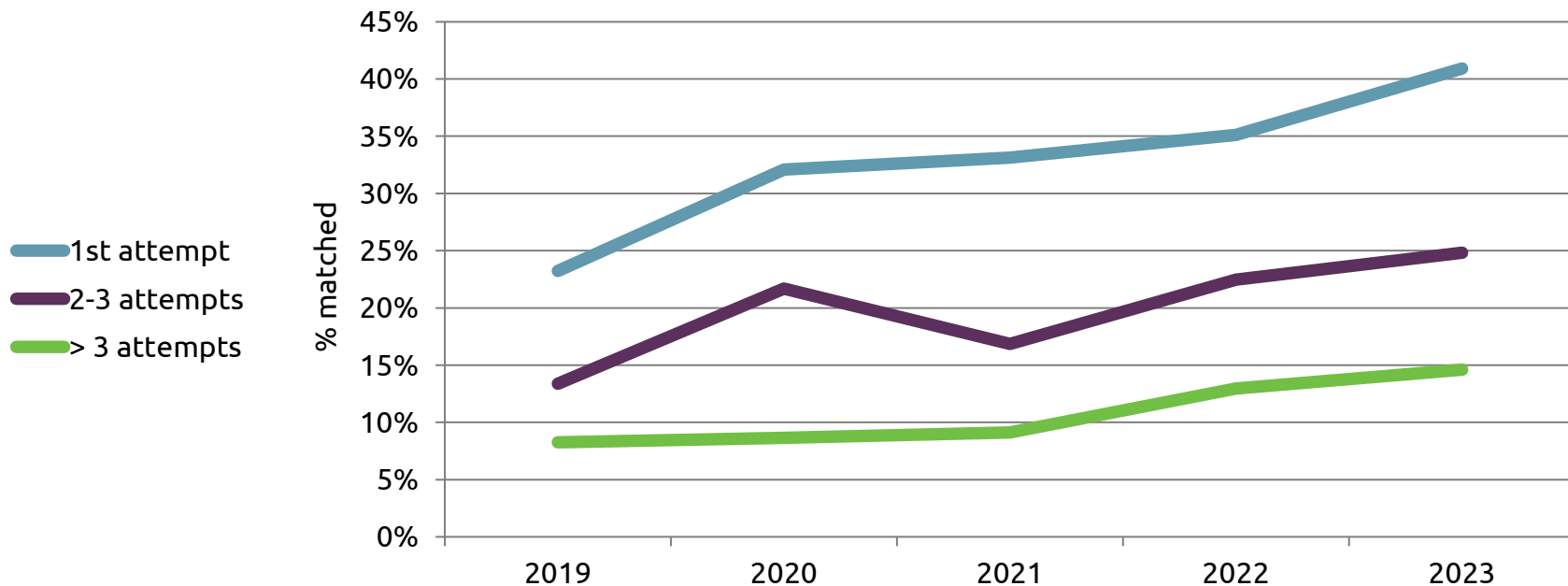
Unfilled positions after second iteration, by discipline group





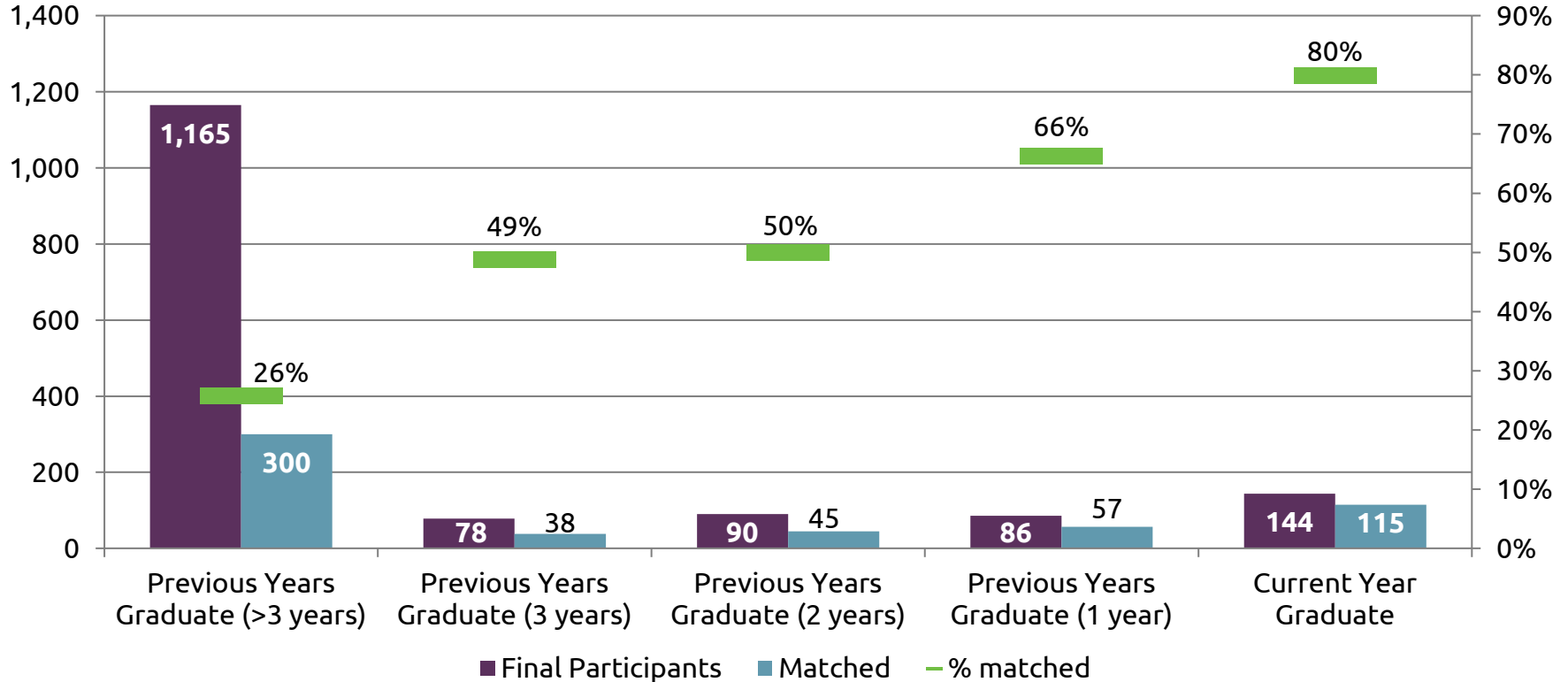
Focus on IMGs

IMGs matched, by years of participation



1st attempt	# IMGs matched	244	223	275	264	349
2-3 attempts	# IMGs matched	110	156	92	125	150
> 3 attempts	# IMGs matched	37	39	43	50	56

IMG match results, by year of graduation



Regional IMG match results

Region		2019	2020	2021	2022	2023
Africa	% matched	11%	15%	23%	28%	28%
	Final participation	255	203	218	218	277
Asia	% matched	16%	15%	15%	23%	25%
	Final participation	298	261	280	287	353
Central America/ Caribbean	% matched	22%	24%	27%	22%	29%
	Final participation	369	294	230	189	228
Europe	% matched	37%	52%	57%	58%	60%
	Final participation	460	374	329	297	329
Middle East	% matched	16%	18%	14%	22%	23%
	Final participation	266	222	227	257	262
North America	% matched	20%	60%	50%	67%	60%
	Final participation	5	5	6	3	5
Oceania/Pacific Islands	% matched	46%	63%	63%	71%	74%
	Final participation	35	40	30	31	57
South America	% matched	11%	40%	39%	45%	41%
	Final participation	36	35	38	40	51



Equity, diversity & inclusion

CaRMS self-identification questionnaire

Global data collection

Census level diversity data to inform decisions and encourage progress within the application, selection and matching process

Program selection tool

An **optional, safe and supported** way for applicants to share self-identification information with programs who have introduced a diversity consideration into their selection process



CSIQ Working Group



- Canadian Centre for Diversity and Inclusion
- Canadian Federation of Medical Students
Fédération médicale étudiante du Québec
- Resident Doctors of Canada
- Fédération des médecins résidents du Québec
- Postgraduate leadership
- Undergraduate and student affairs leadership
- Black Medical Students Association of Canada
- Indigenous Medical Students Association of
- Canada Canadian Association of Physicians with Disabilities

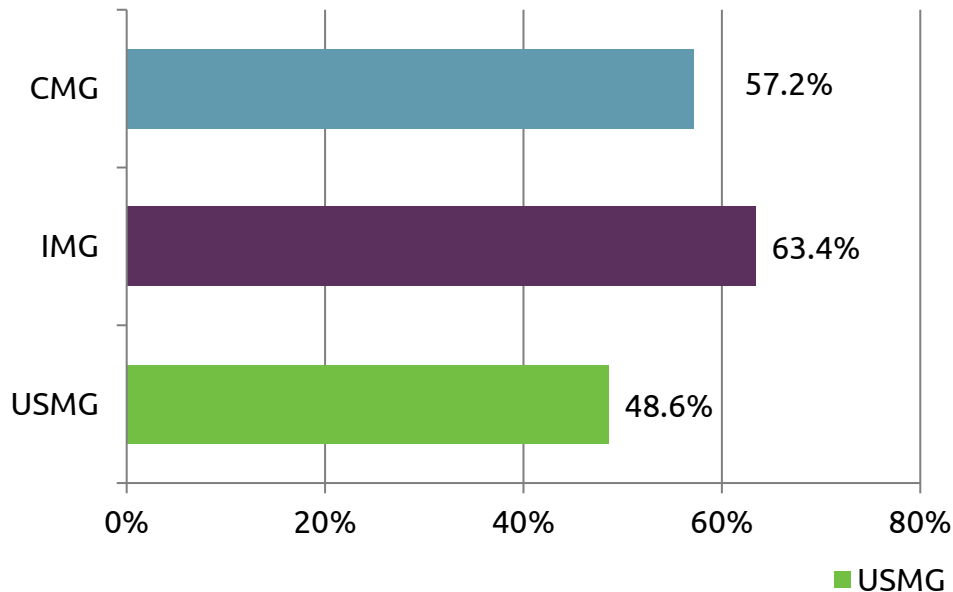
Special thank you to:

**Dr. Ian Epstein
and
Ms. Santanna
Hernandez**

CSIQ: Response rates

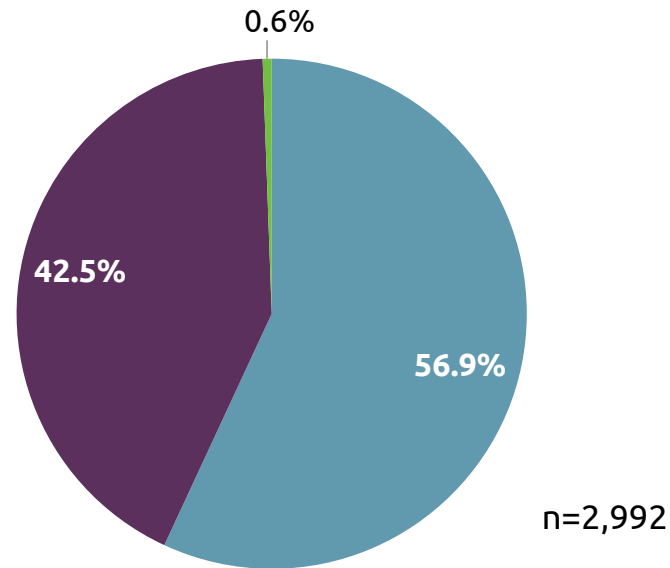
CSIQ response rates by applicant cohort

Proportion of match registrants in each cohort that completed the CSIQ

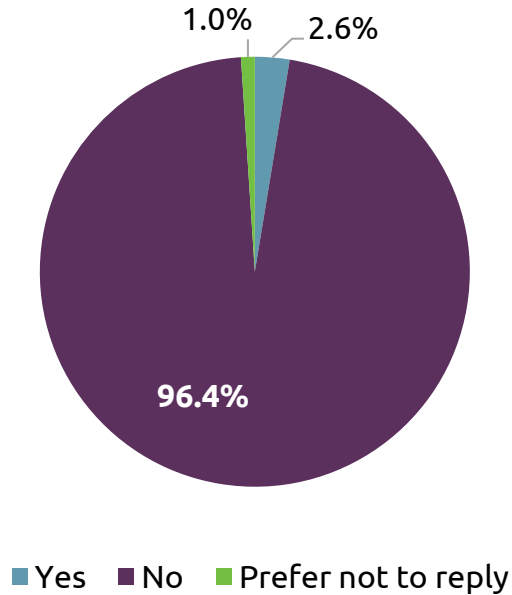


CSIQ respondents by applicant cohort

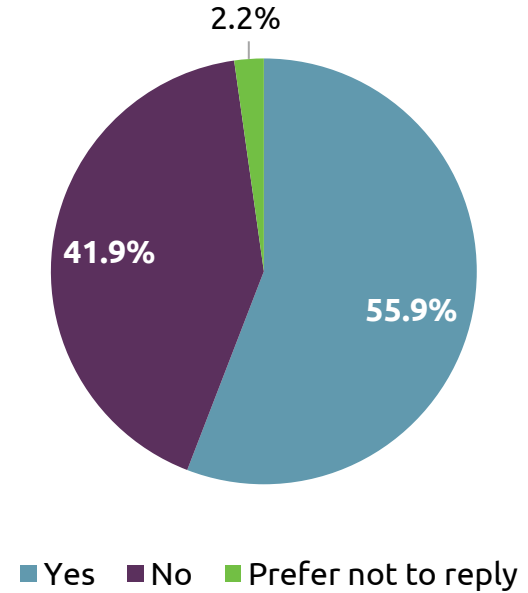
Proportion of total CSIQ respondents belonging to each applicant cohort



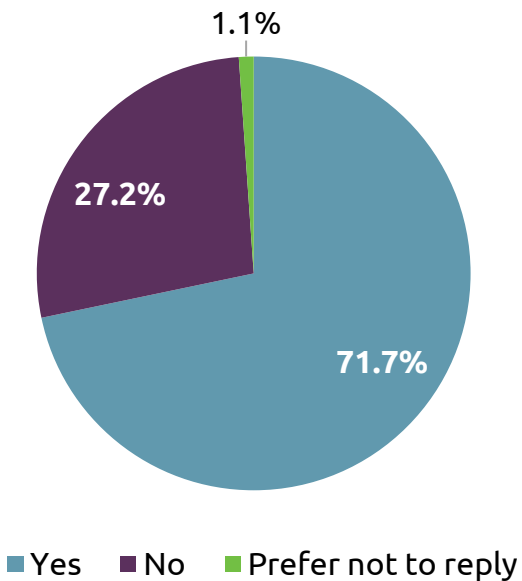
Do you consider yourself to be an Indigenous person?



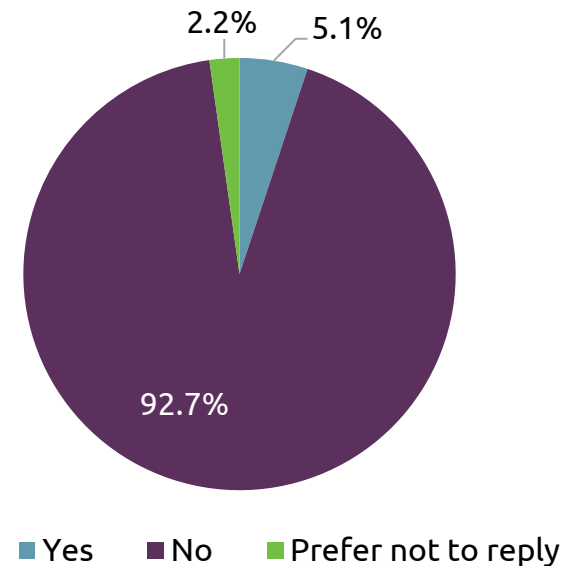
Do you consider yourself to be a racialized person?



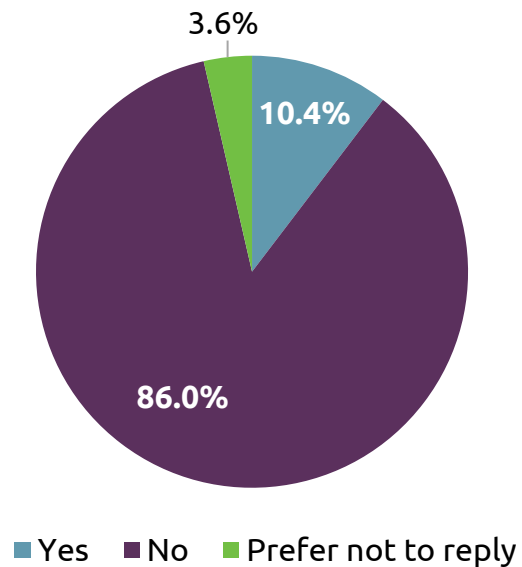
Were you or the people who raised you born outside of Canada?



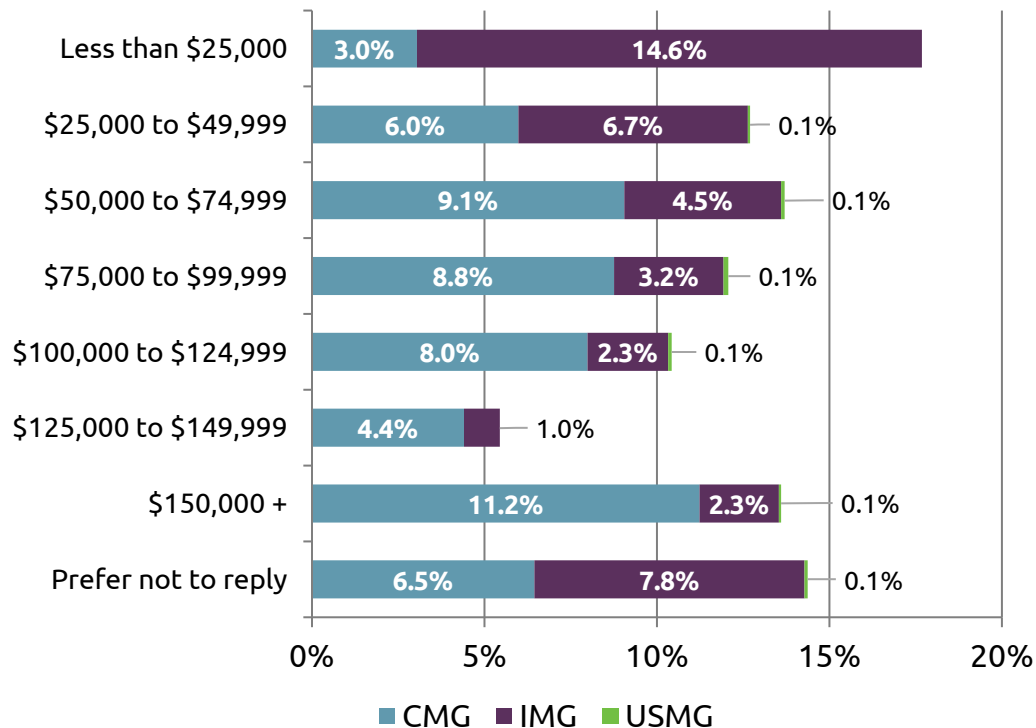
Do you consider yourself a person with a visible or invisible disability?



Do you consider yourself a person of a minority sexual orientation and/or gender identity?



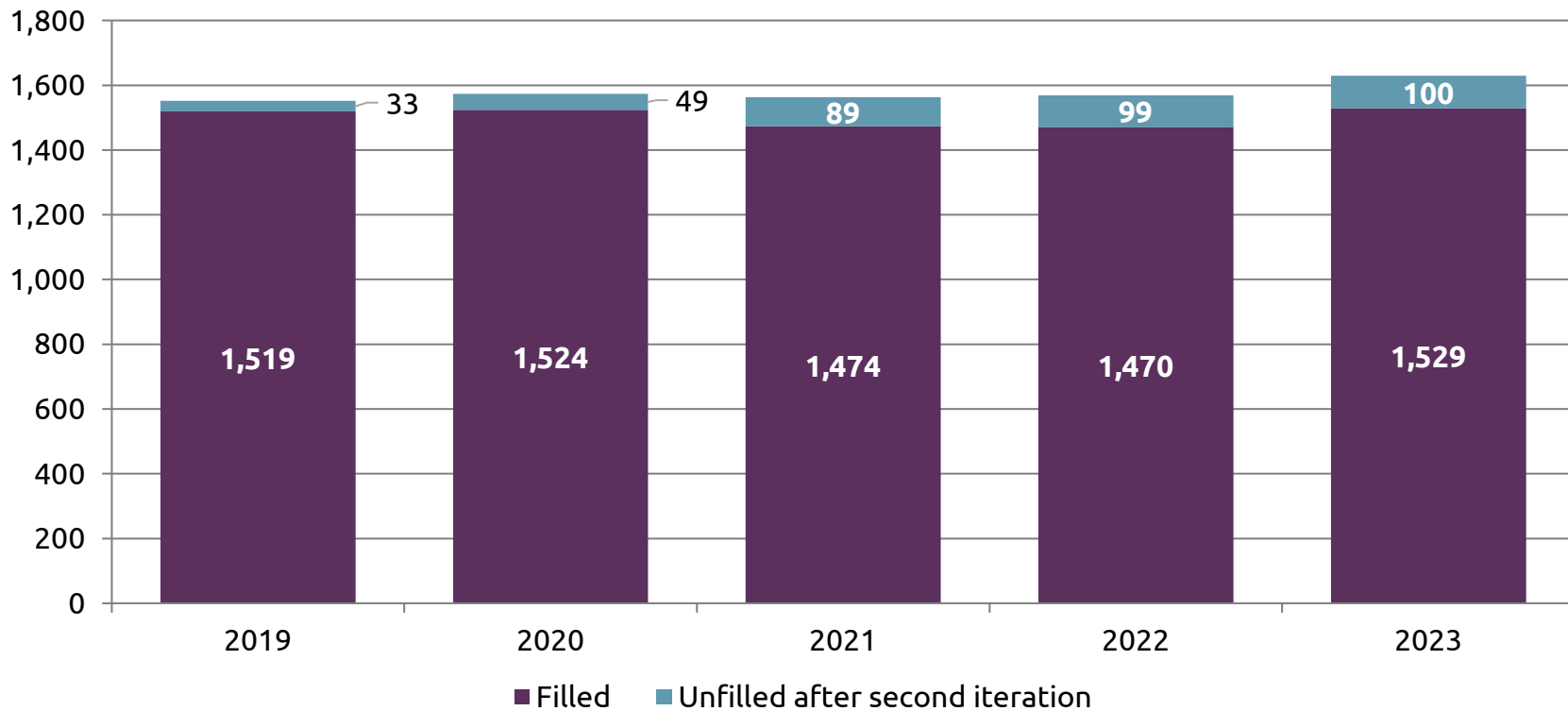
Indicate your approximate household income when you were a teenager



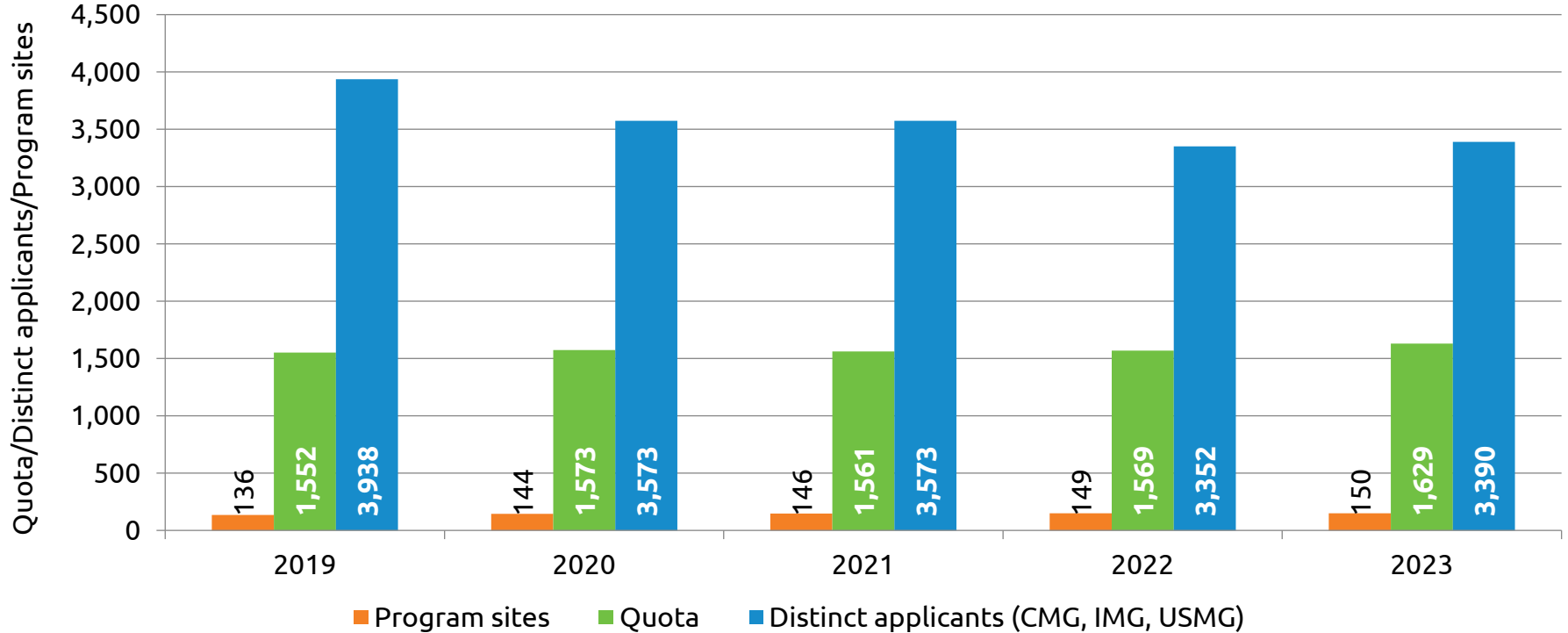


Focus on Family Medicine

Family Medicine positions



Program applications: Family Medicine



Applicants ranking Family Medicine, by applicant type and match status

Applicant Type	Matched Status	2019		2020		2021		2022		2023	
		#	%	#	%	#	%	#	%	#	%
CMG	Matched	2,078	96.1%	2,078	97.3%	1,985	98.0%	1,952	97.4%	1,869	97.8%
	Unmatched	84	3.9%	57	2.7%	40	2.0%	52	2.6%	42	2.2%
	Total	2,162	100%	2,135	100%	2,025	100%	2,004	100%	1,911	100%
IMG	Matched	294	23.4%	289	28.4%	307	29.6%	324	33.1%	364	34.3%
	Unmatched	964	76.6%	730	71.6%	730	70.4%	655	66.9%	696	65.7%
	Total	1,258	100%	1,019	100%	1,037	100%	979	100%	1,060	100%
USMG	Matched	15	88.2%	15	83.3%	4	80.0%	6	100%	8	88.9%
	Unmatched	2	11.8%	3	16.7%	1	20.0%	0	0.0%	1	11.1%
	Total	17	100%	18	100%	5	100%	6	100%	9	100%
TOTAL	Matched	2,387	69.5%	2,382	75.1%	2,296	74.9%	2,282	76.3%	2,241	75.2%
	Unmatched	1,050	30.5%	790	24.9%	771	25.1%	707	23.7%	739	24.8%
	Total	3,437	100%	3,172	100%	3,067	100%	2,989	100%	2,980	100%

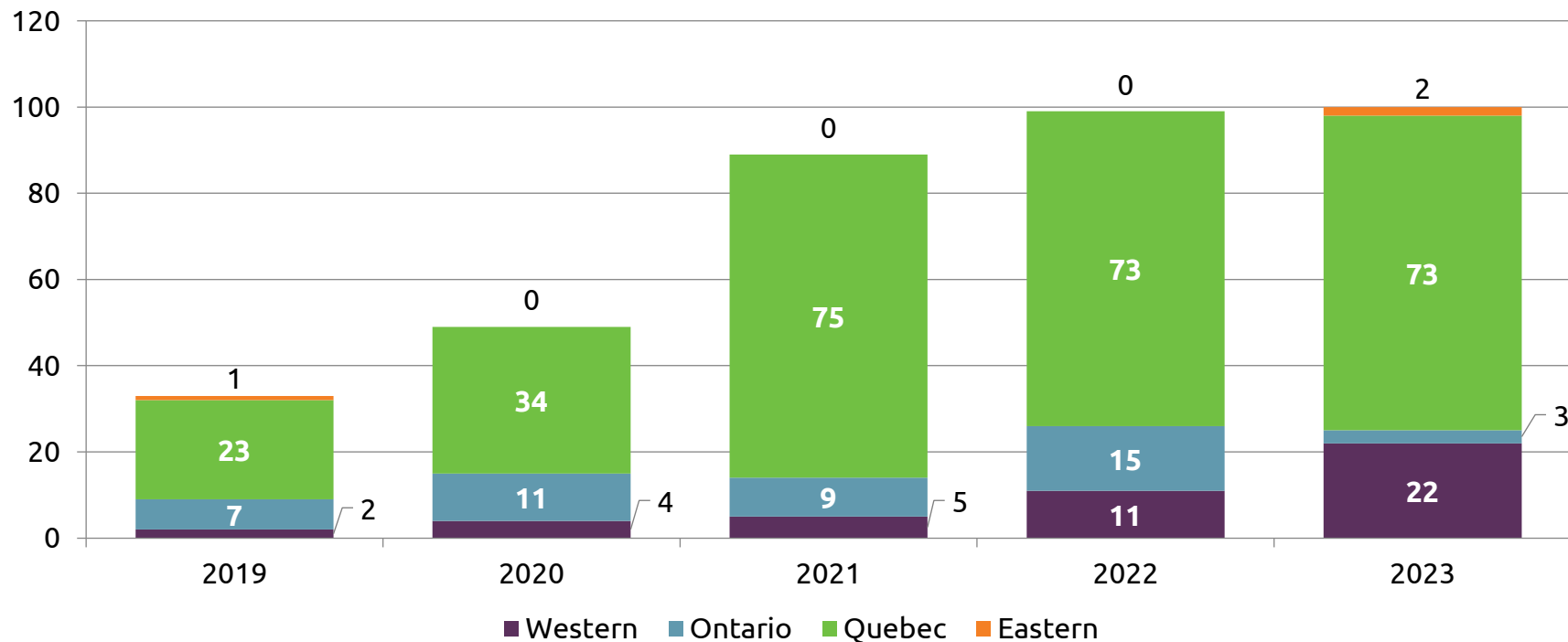
CMG applicants ranking Family Medicine, by matched discipline

Matched discipline	2019	2020	2021	2022	2023
Family Medicine	1,204	1,193	1,153	1,126	1,095
Internal Medicine	259	257	230	247	211
Psychiatry	106	114	113	109	87
Pediatrics	76	90	95	94	79
Anesthesiology	64	61	68	68	72
Emergency Medicine	59	61	58	55	62
Obstetrics and Gynecology	62	53	59	45	55
Diagnostic Radiology	31	42	30	24	32
General Surgery	35	23	19	20	25
Physical Medicine and Rehabilitation	22	22	19	19	22
Other	160	162	141	145	129
Total	2,078	2,078	1,985	1,952	1,869

CMGs matched to Family Medicine, by first choice discipline

First choice discipline	2019	2020	2021	2022	2023
Family Medicine	937	929	898	866	872
Obstetrics and Gynecology	30	24	19	13	27
Anesthesiology	23	25	23	26	25
Emergency Medicine	34	37	40	36	25
Diagnostic Radiology	2	9	4	13	18
Internal Medicine	31	30	22	41	17
Psychiatry	21	27	22	14	16
Family Medicine integrated Emergency Medicine	10	5	12	16	13
Dermatology	14	21	15	17	13
Pediatrics	42	27	30	24	12
Other	60	59	68	60	57
Total	1,204	1,193	1,153	1,126	1,095

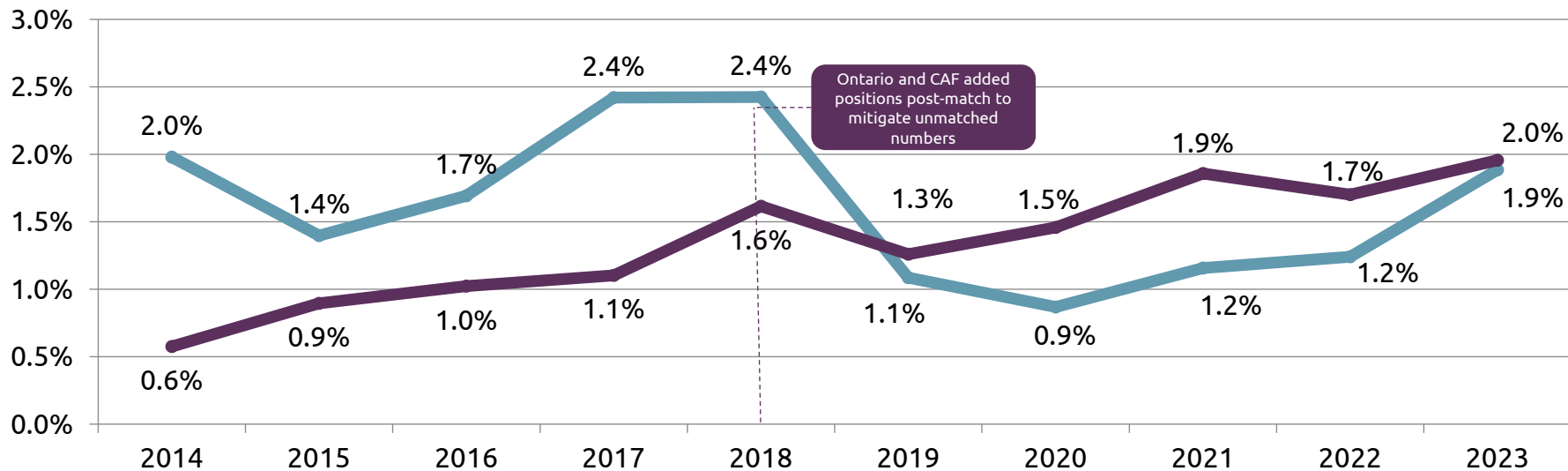
Unfilled Family Medicine positions after second iteration, by region





Unmatched CMGs

Unmatched current year CMGs after second iteration

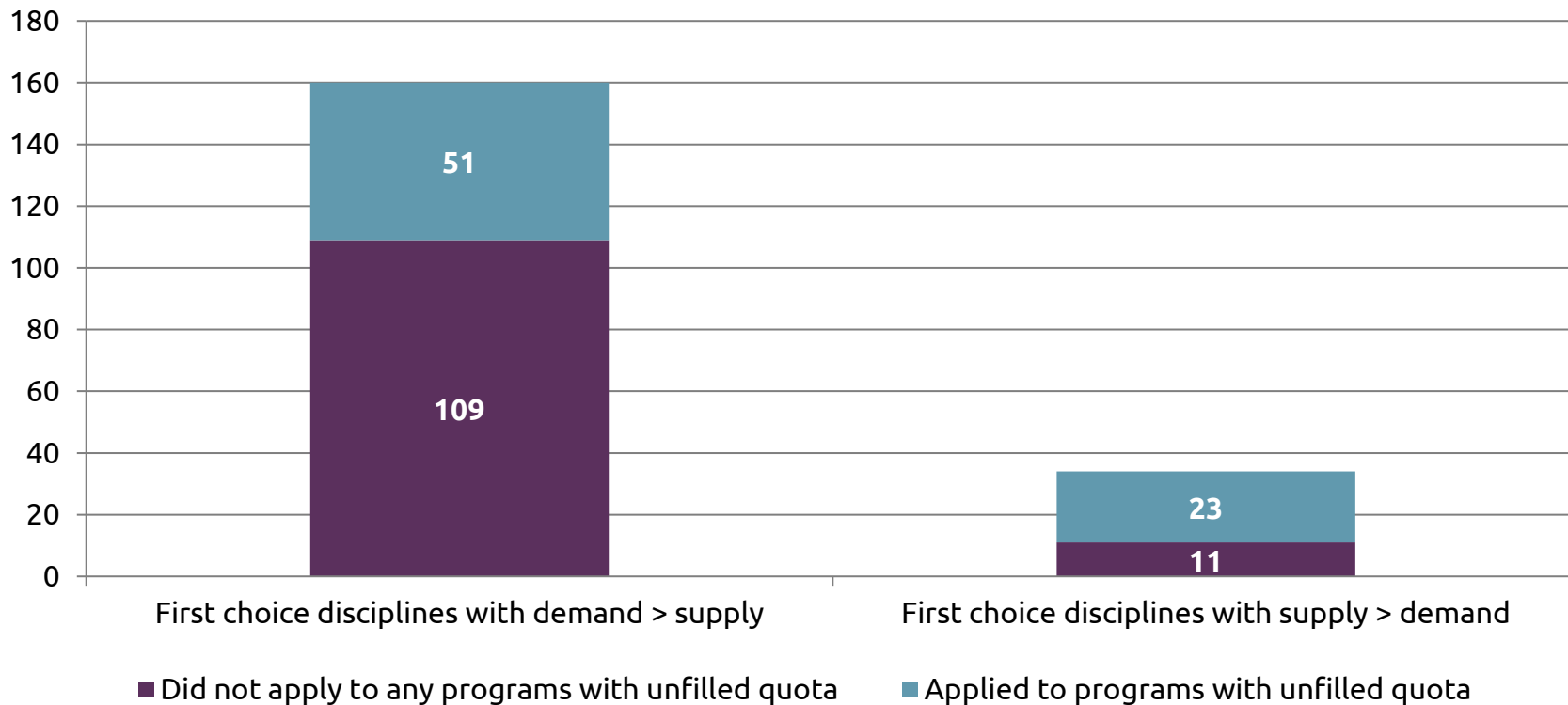


55	39	48	68	69	31	25	33	35	54
16	25	29	31	46	36	42	53	48	56

— Unmatched current year CMGs after 2nd iteration

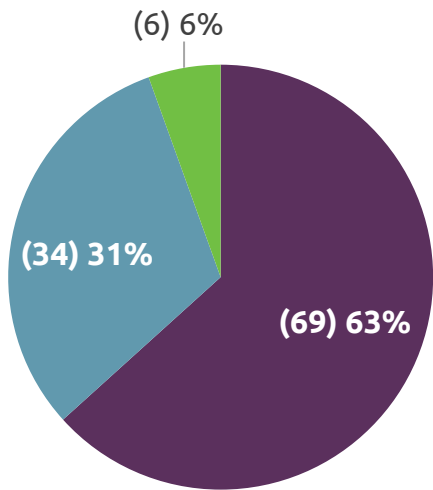
— Current year CMGs who did not match in first iteration and did not participate in second iteration

Application behaviour of unmatched CMGs

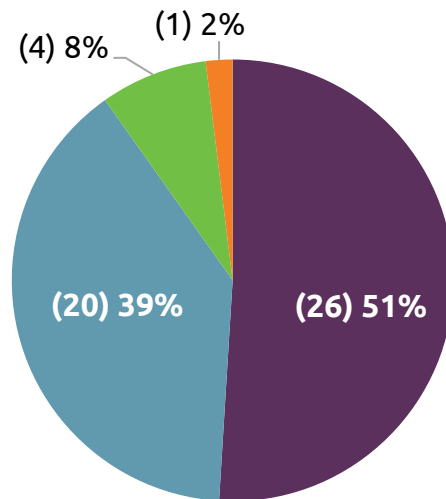


Number of disciplines ranked by unmatched CMGs whose first choice discipline had demand > supply

Unmatched CMGs who did not apply to any programs with unfilled quota



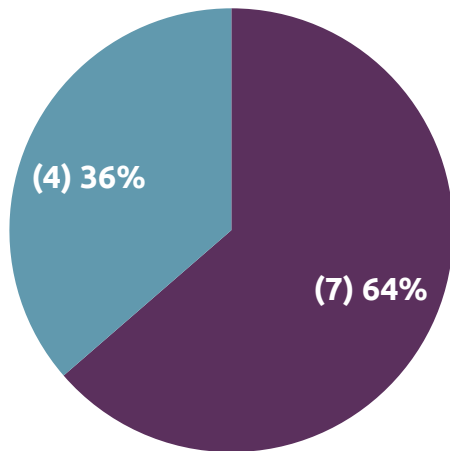
Unmatched CMGs who applied to at least one program with unfilled quota



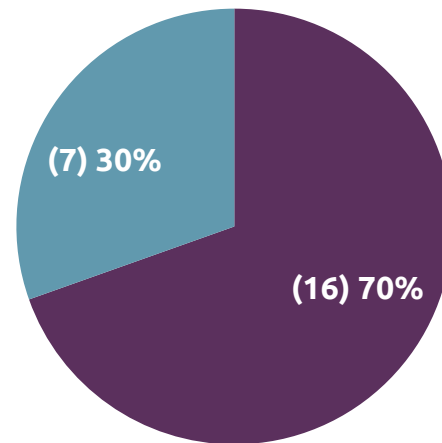
■ 1 ■ 2 ■ 3 ■ 4 ■ 4+

Number of disciplines ranked by unmatched CMGs whose first choice discipline had supply > demand

Unmatched CMGs who did not apply to any programs with unfilled quota

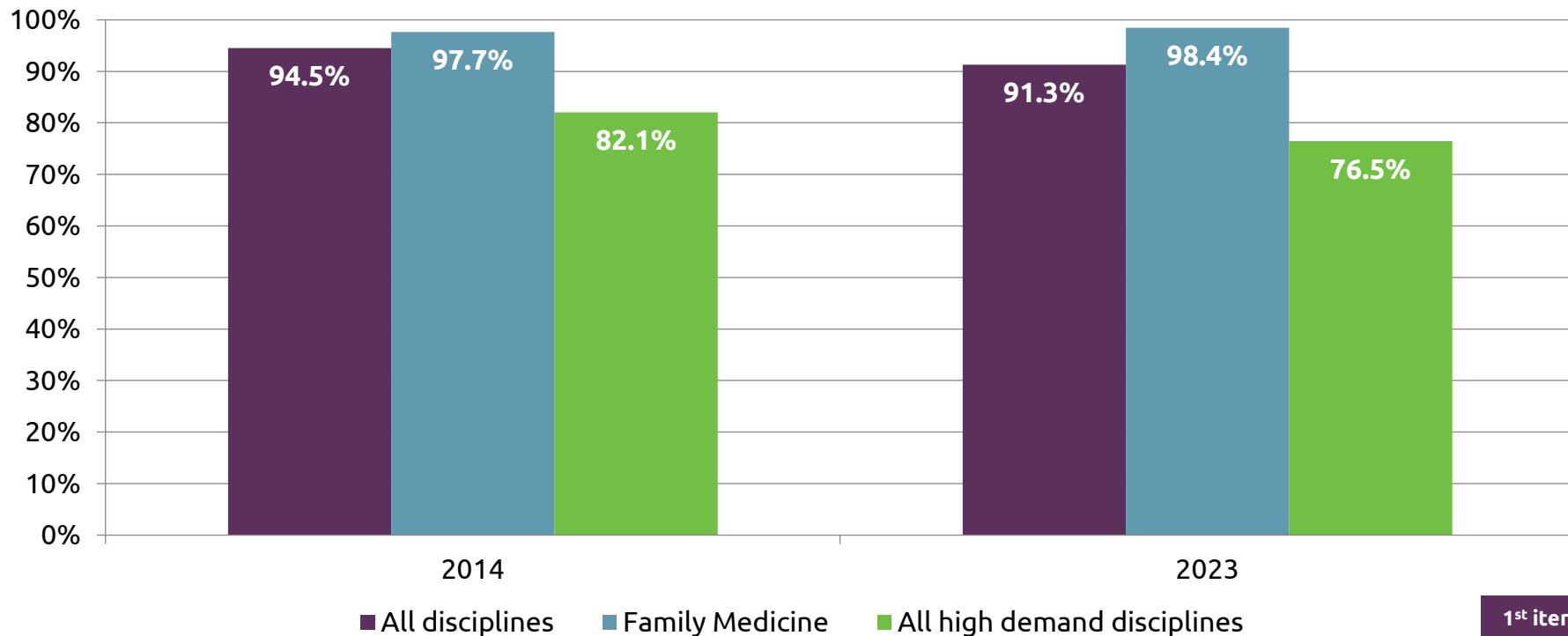


Unmatched CMGs who applied to at least one program with unfilled quota



■ 1 ■ 2 ■ 3 ■ 4 ■ 4+

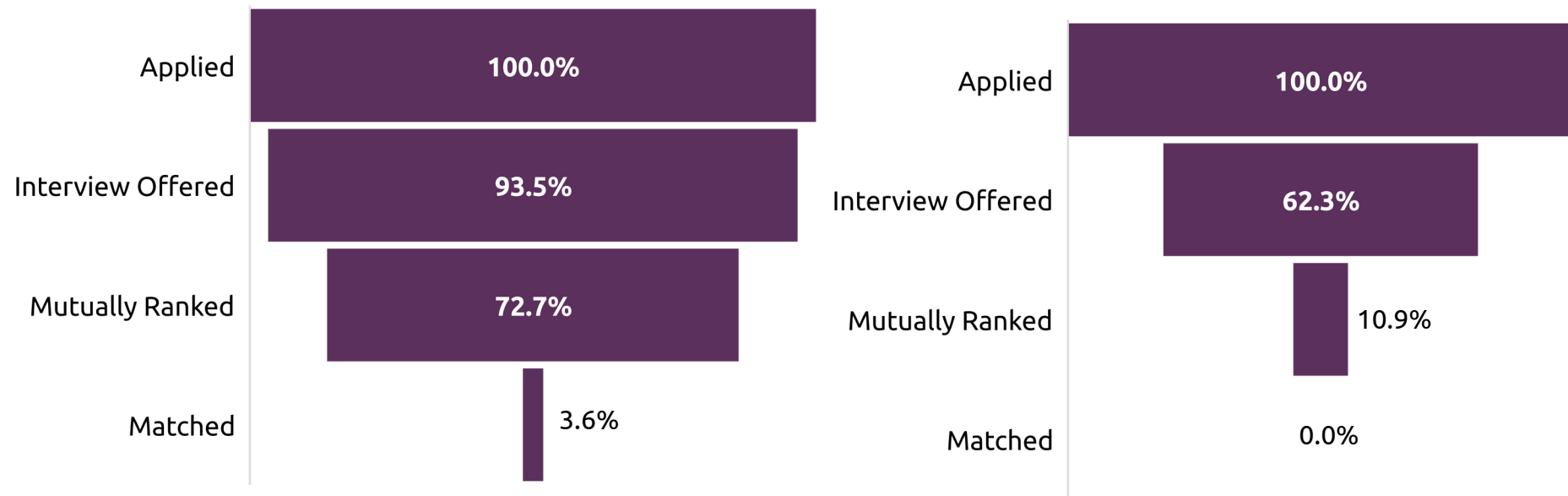
Match rate of current year CMGs ranking only one discipline



Application funnel: Disciplines with Supply > Demand

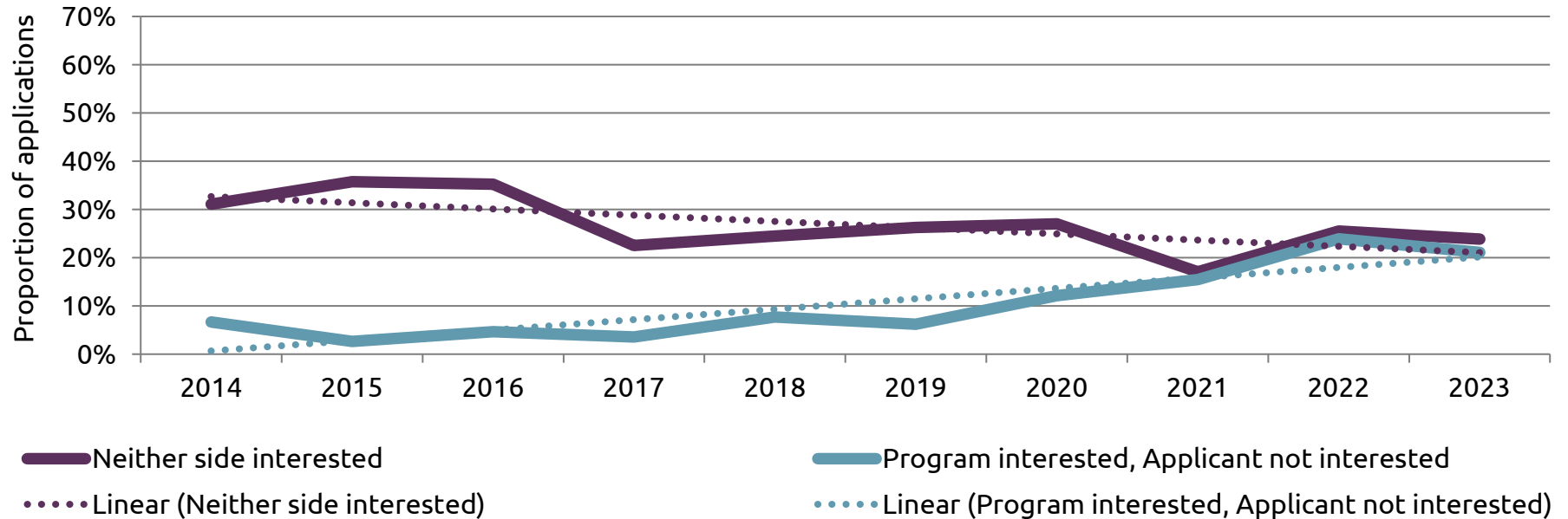
Matched CMGs

Unmatched CMGs



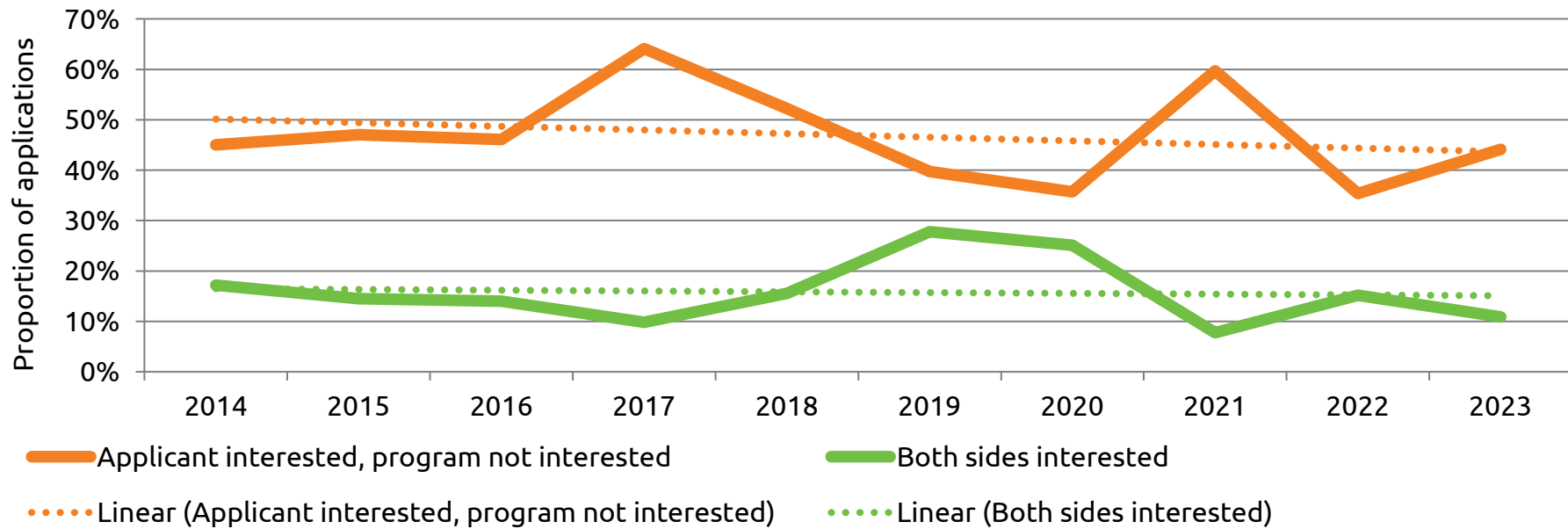
Proportions of applications submitted by matched and unmatched CMG applicants that progressed to each stage of the application funnel, for programs in disciplines where supply exceeds demand

Ranking Behavior of Unmatched CMGs: Supply > Demand



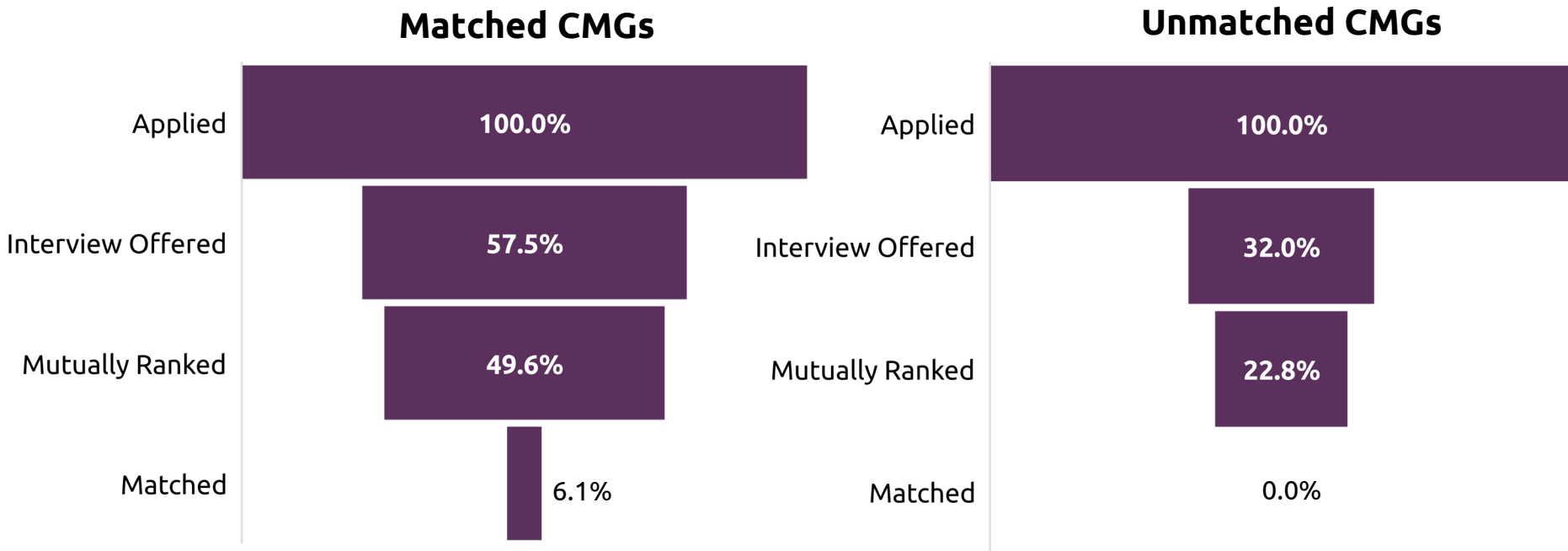
Interest is determined by ranking a program/applicant

Ranking Behavior of Unmatched CMGs: Supply > Demand



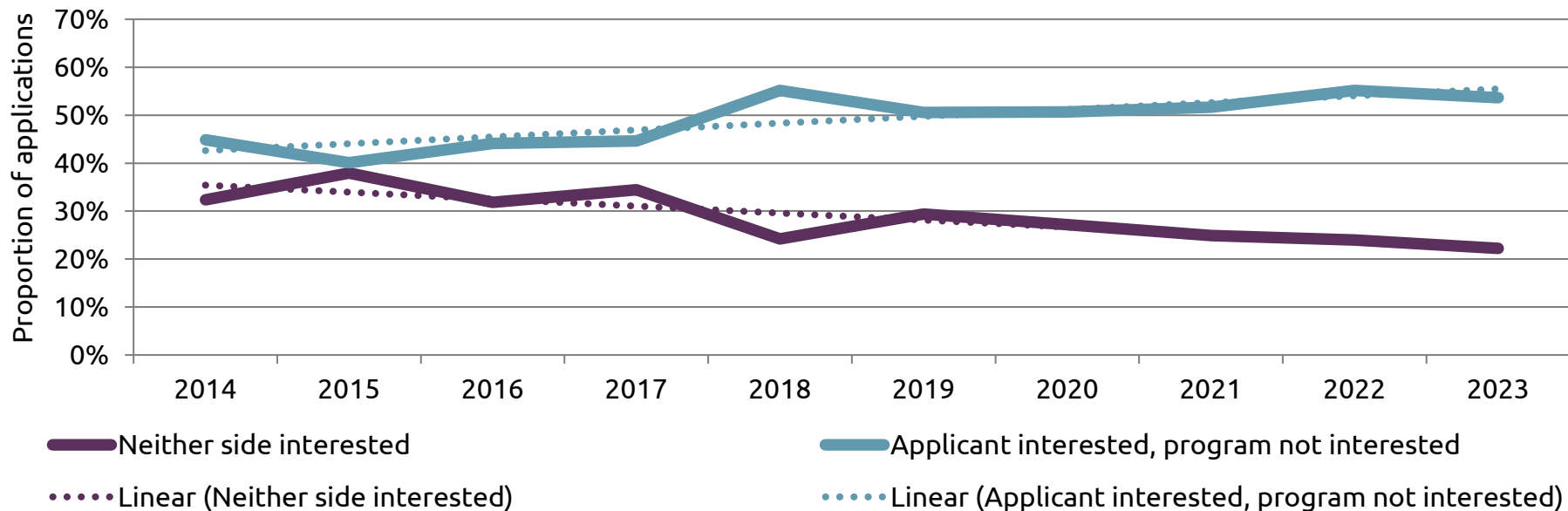
Interest is determined by ranking a program/applicant

Application funnel: Disciplines with Demand > Supply



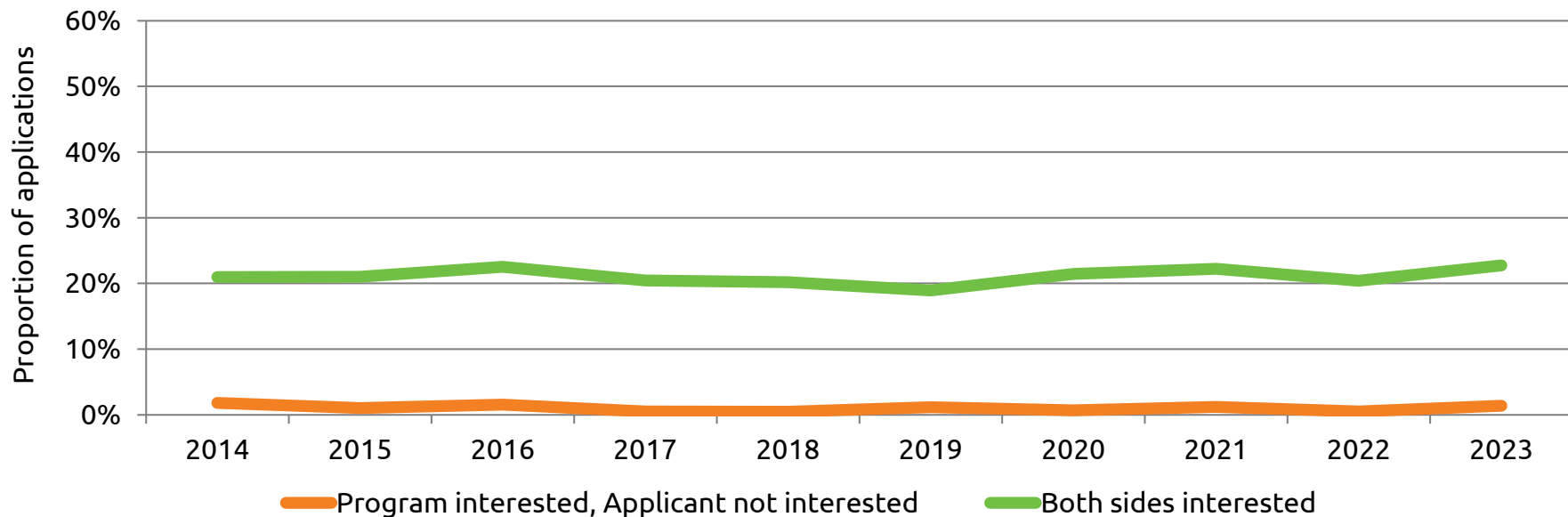
Proportions of applications submitted by matched and unmatched CMG applicants that progressed to each stage of the application funnel, for programs in disciplines where demand exceeds supply

Ranking Behavior of Unmatched CMGs: Demand > Supply



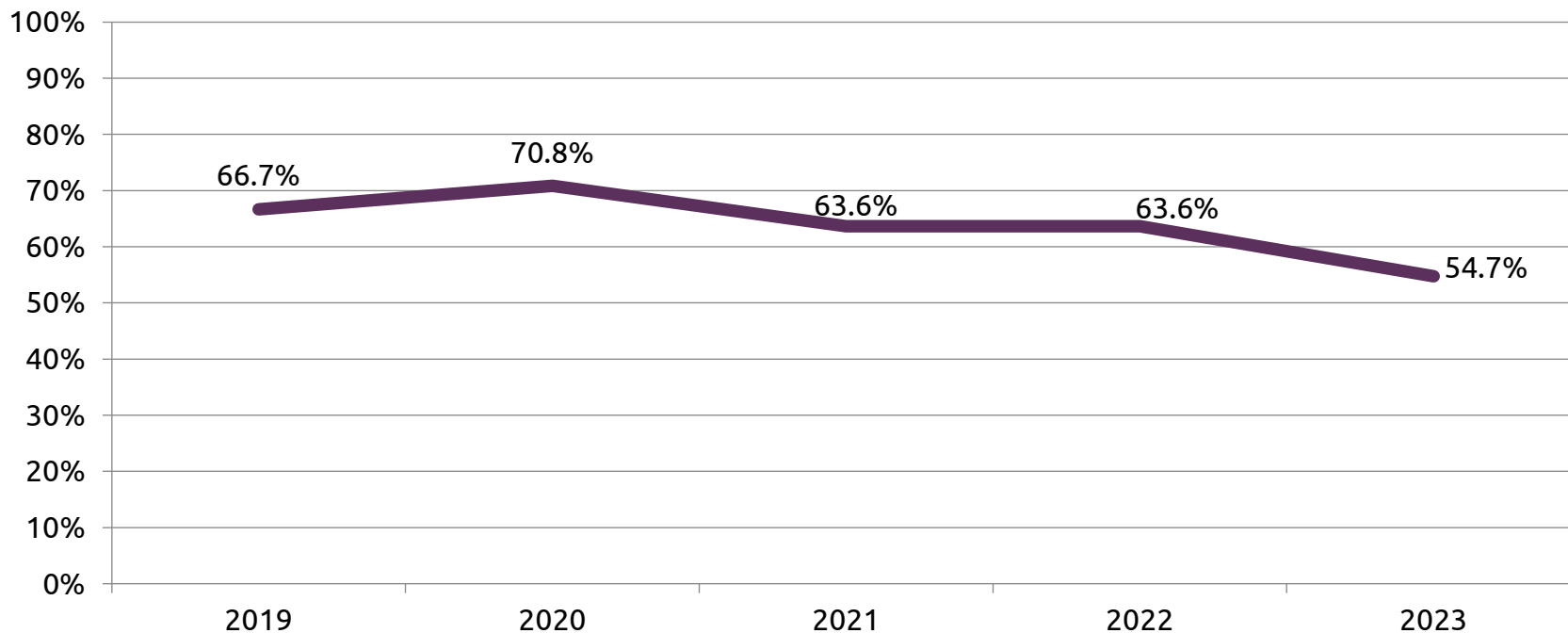
Interest is determined by ranking a program/applicant

Ranking Behavior of Unmatched CMGs: Demand > Supply



Interest is determined by ranking a program/applicant

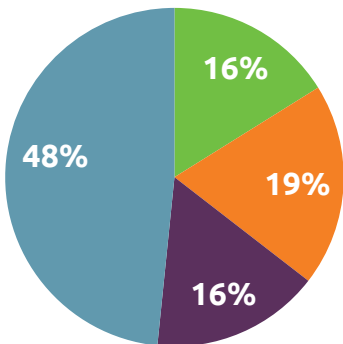
Current year CMGs who changed their first-choice discipline in second iteration



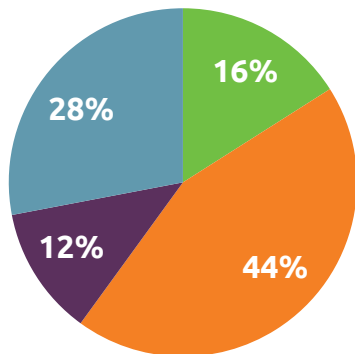
Categorizing unmatched CMGs after second iteration

2019

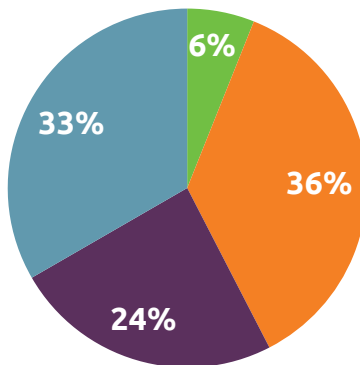
31 unmatched CMGs


2020

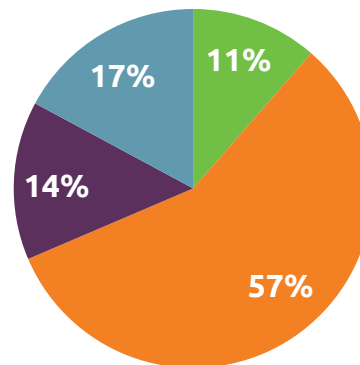
25 unmatched CMGs


2021

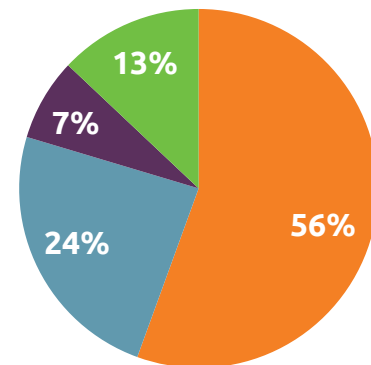
33 unmatched CMGs


2022

35 unmatched CMGs

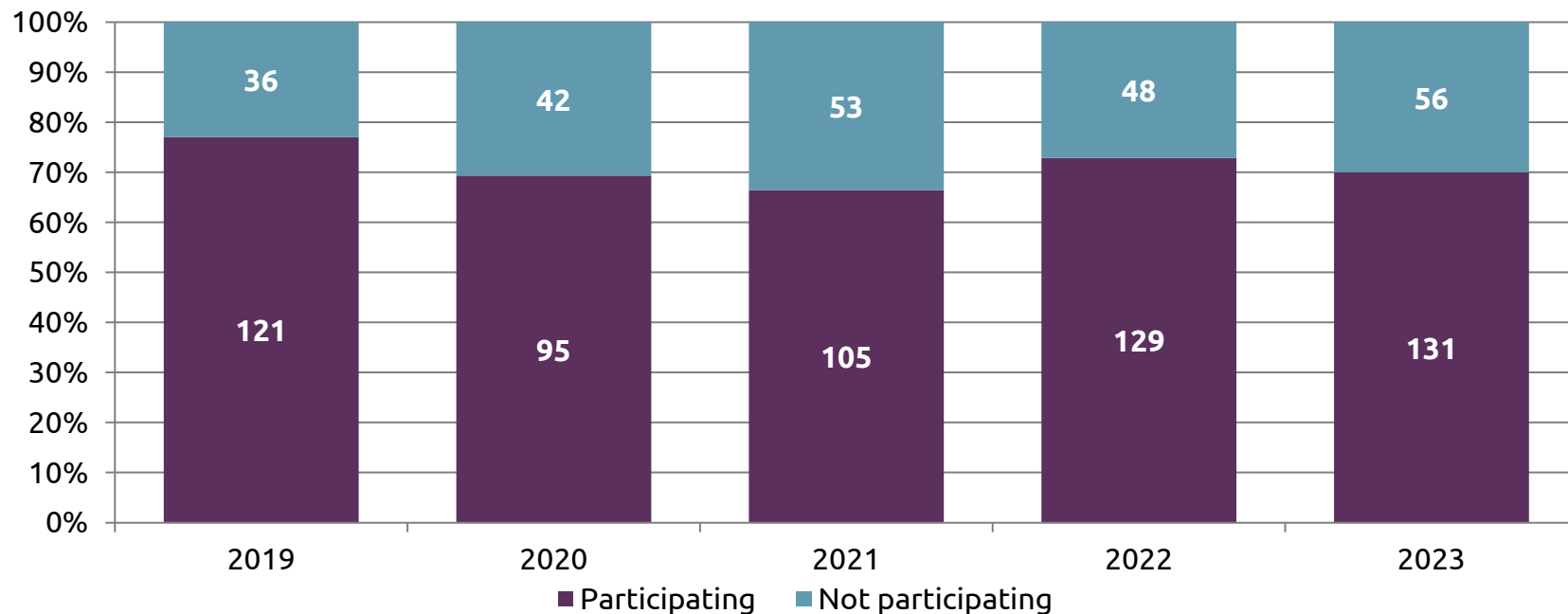

2023

54 unmatched CMGs



- Not ranked by any programs
- Ranked by some programs but programs filled before rank
- Ranked by all programs but programs filled before rank
- Could have matched but did not rank program

Unmatched current year CMG participation in second iteration



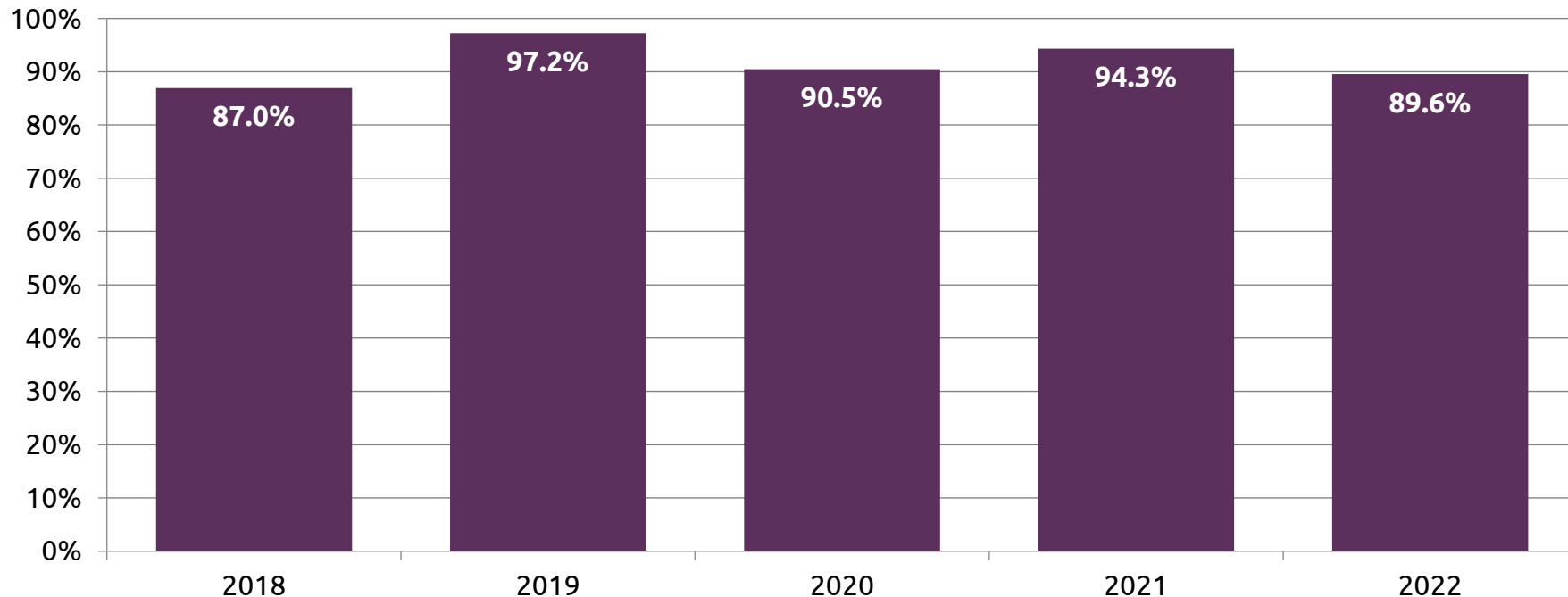
Comparing discipline choice to unavailable and unfilled quota (1 of 2)

1 st choice discipline	1 st choice discipline of CMGs matching in 2 nd iteration	1 st choice discipline of CMGs participating and not matched in 2 nd iteration	1st choice discipline of CMGs not matched in 1st iteration and not participating in 2nd iteration	Quota unfilled at the end of 1 st iteration	Quota unfilled at the end of 2 nd iteration
Anatomical Pathology	2	0	0	4	0
Anesthesiology	12	14	1	3	0
Cardiac Surgery	0	0	3	0	0
Dermatology	2	10	0	1	0
Diagnostic Radiology	0	0	4	0	0
Emergency Medicine	0	0	1	0	0
Family Medicine	31	9	1	268	100
Family Medicine integrated Clinician Scholar	0	0	0	1	0
Family Medicine integrated Emergency Medicine	0	0	0	0	0
General Pathology	0	0	0	2	0
General Surgery	2	9	0	1	0
Hematological Pathology	0	0	0	2	1
Internal Medicine	16	4	1	21	0
Medical Genetics and Genomics	0	0	1	0	0
Medical Microbiology	0	0	0	3	2
Neurology	3	1	0	7	0
Neurology - Pediatric	2	1	0	1	0
Neuropathology	0	0	0	2	2
Neurosurgery	0	0	0	0	0

Comparing discipline choice to unavailable and unfilled quota (2 of 2)

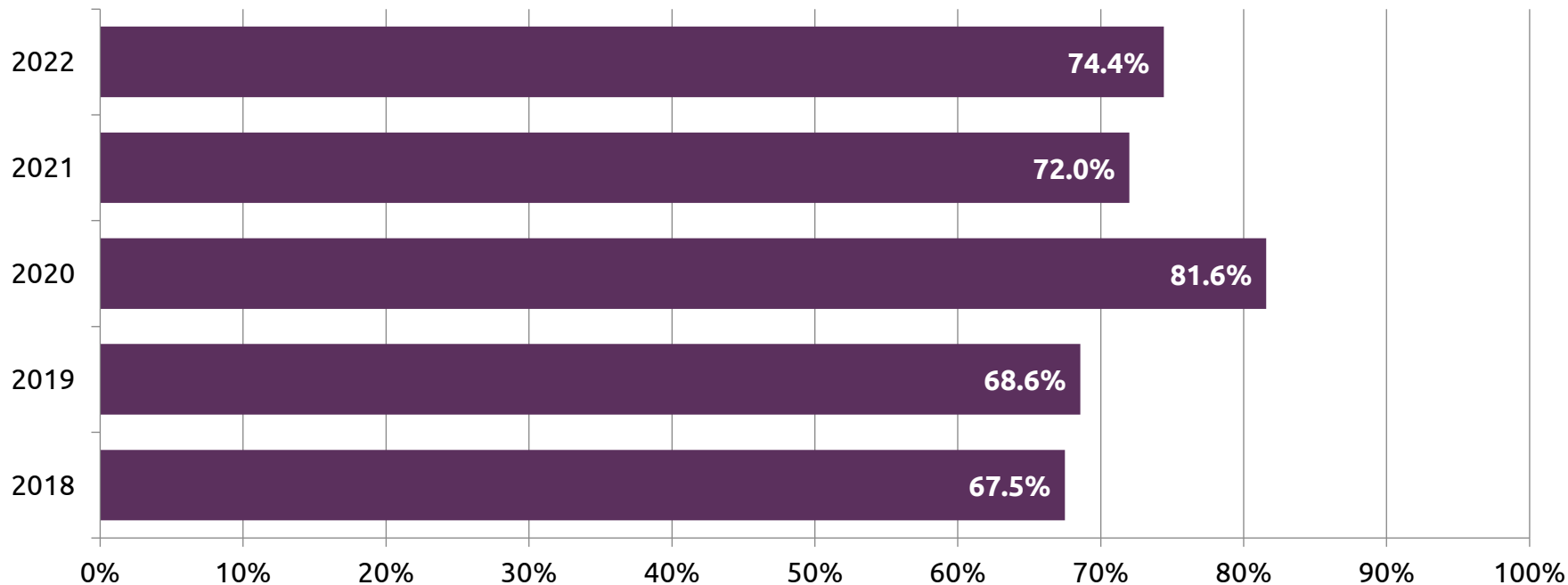
1 st choice discipline	1 st choice discipline of CMGs matching in 2 nd iteration	1 st choice discipline of CMGs participating and not matched in 2 nd iteration	1 st choice discipline of CMGs not matched in 1 st iteration and not participating in 2 nd iteration	Quota unfilled at the end of 1 st iteration	Quota unfilled at the end of 2 nd iteration
Nuclear Medicine	0	0	2	0	0
Obstetrics and Gynecology	0	0	3	0	0
Ophthalmology	0	0	12	0	0
Orthopedic Surgery	0	0	4	0	0
Otolaryngology - Head and Neck Surgery	0	0	1	1	1
Pediatrics	1	1	3	3	0
Physical Medicine and Rehabilitation	4	1	0	1	0
Plastic Surgery	0	0	4	0	0
Plastic Surgery - Research Track	0	0	0	0	0
Psychiatry	2	3	9	23	2
Public Health and Preventive Medicine	0	0	0	1	0
Public Health and Preventive Medicine including Family Medicine	1	0	0	6	2
Radiation Oncology	0	0	2	0	0
Urology	0	0	2	0	0
Vascular Surgery	0	0	2	0	0

Subsequent match year - participation



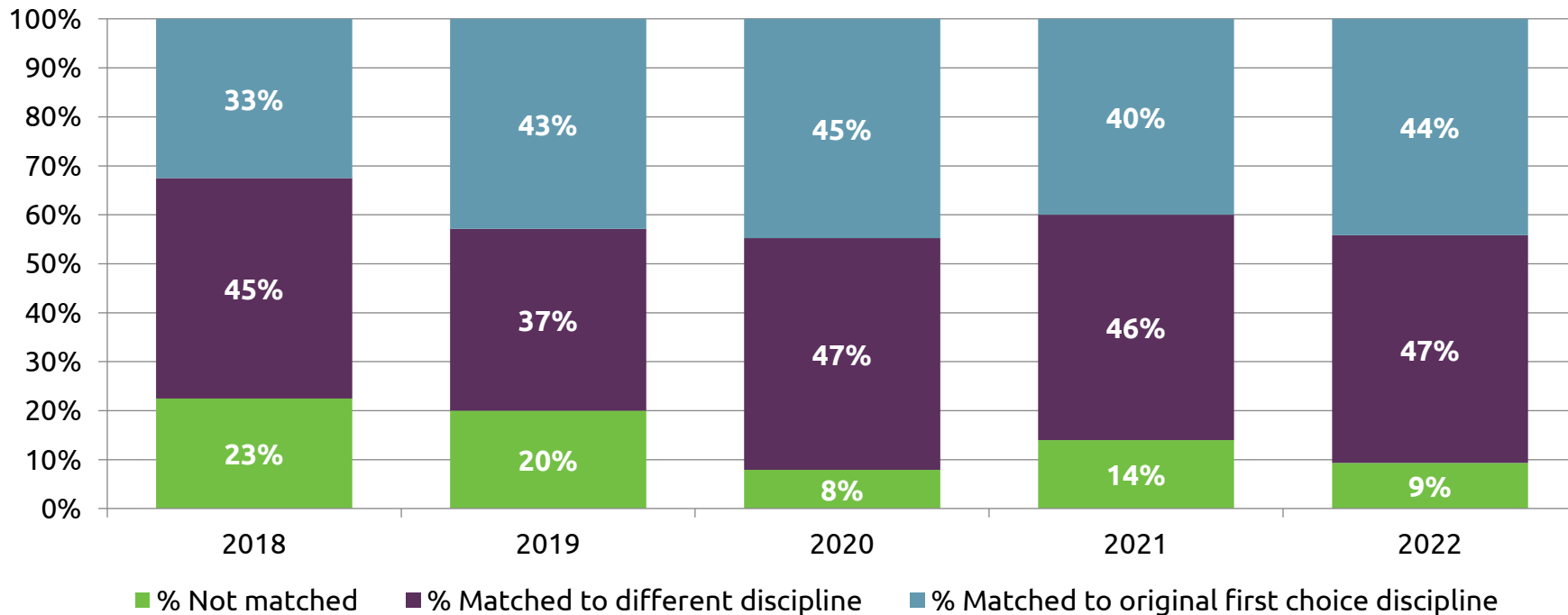
Proportion of current year CMGs who went unmatched in the first iteration and did not participate in the second iteration, who went on to participate in the first iteration of the subsequent year's match

Subsequent match year – same first-choice discipline



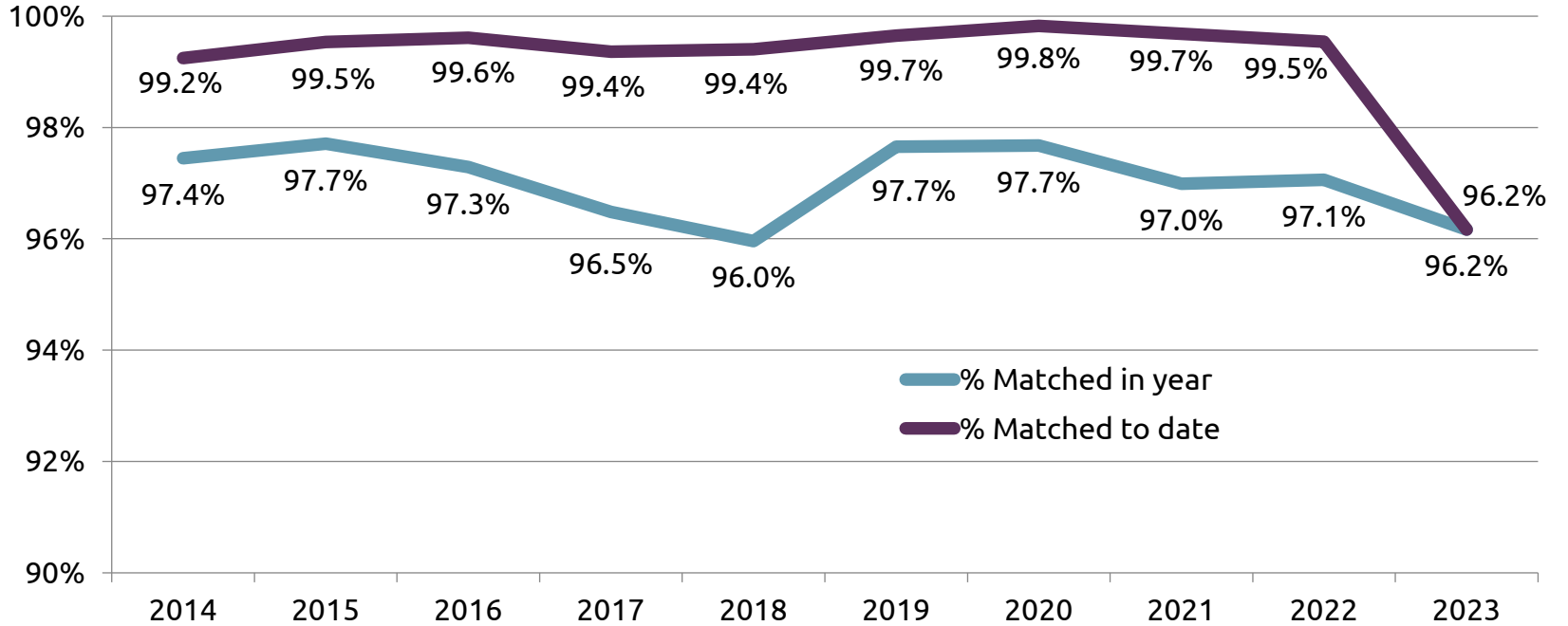
Same first-choice discipline selection by current year CMGs who went unmatched in the first iteration, did not participate in the second iteration, then participated in the first iteration of the subsequent year's match

Subsequent match year – match results



Match results of current year CMGs who went unmatched in the first iteration and did not participate in the second iteration, who went on to participate in the first iteration of the subsequent year's match

CMG long-term match success



Remaining unmatched	6	7	5	9	3	1	3	1	2	54
Unknown journey	15	6	6	9	14	9	2	8	11	56

A background image showing a diverse group of healthcare workers in blue scrubs, smiling. Overlaid on this image is the word 'TAKEAWAYS' in large, white, bold, sans-serif capital letters.


TAKEAWAYS



The system is responsive to changing demands



Outcomes are the result of choices and decisions at many levels



Supply and demand answers many questions



2023 CaRMS FORUM

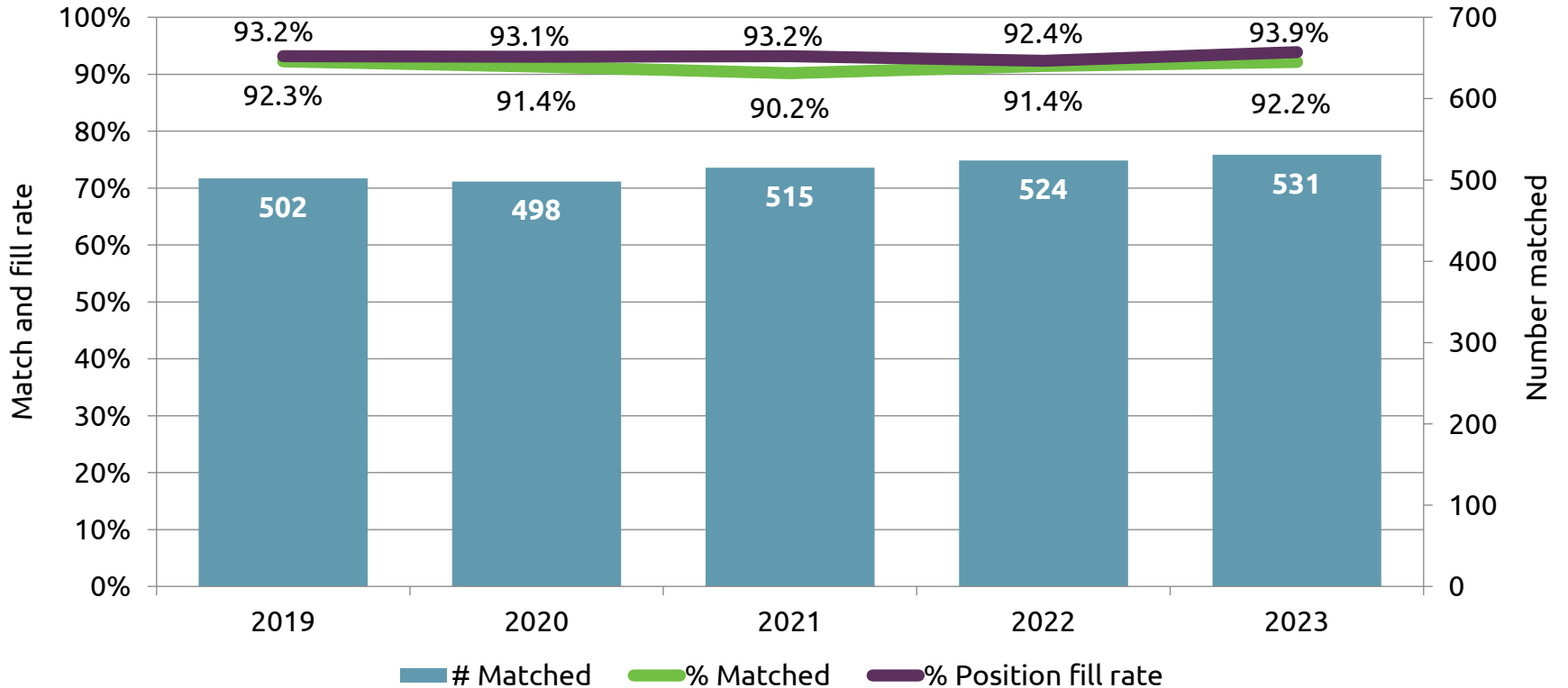
Supplementary data
package

May 18, 2023

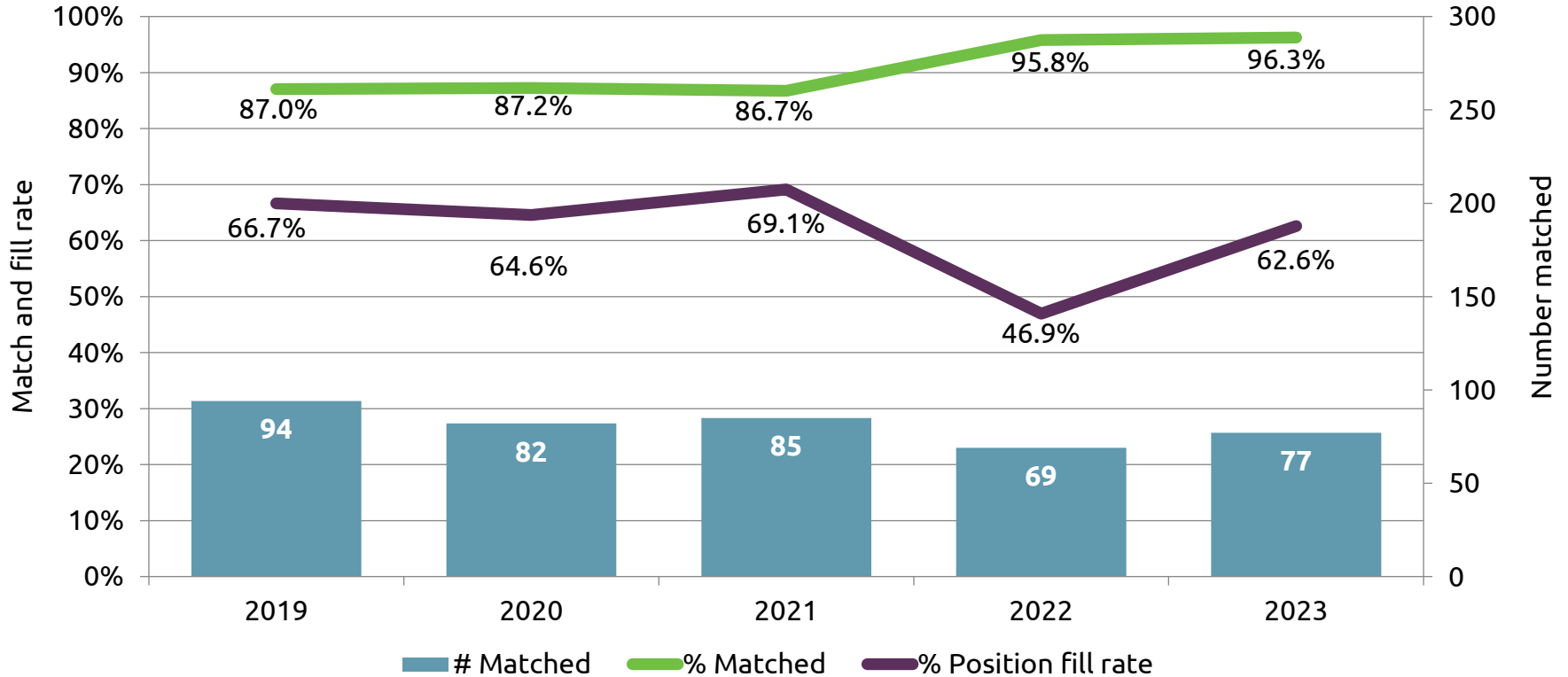


Enhanced skills and subspecialty snapshot

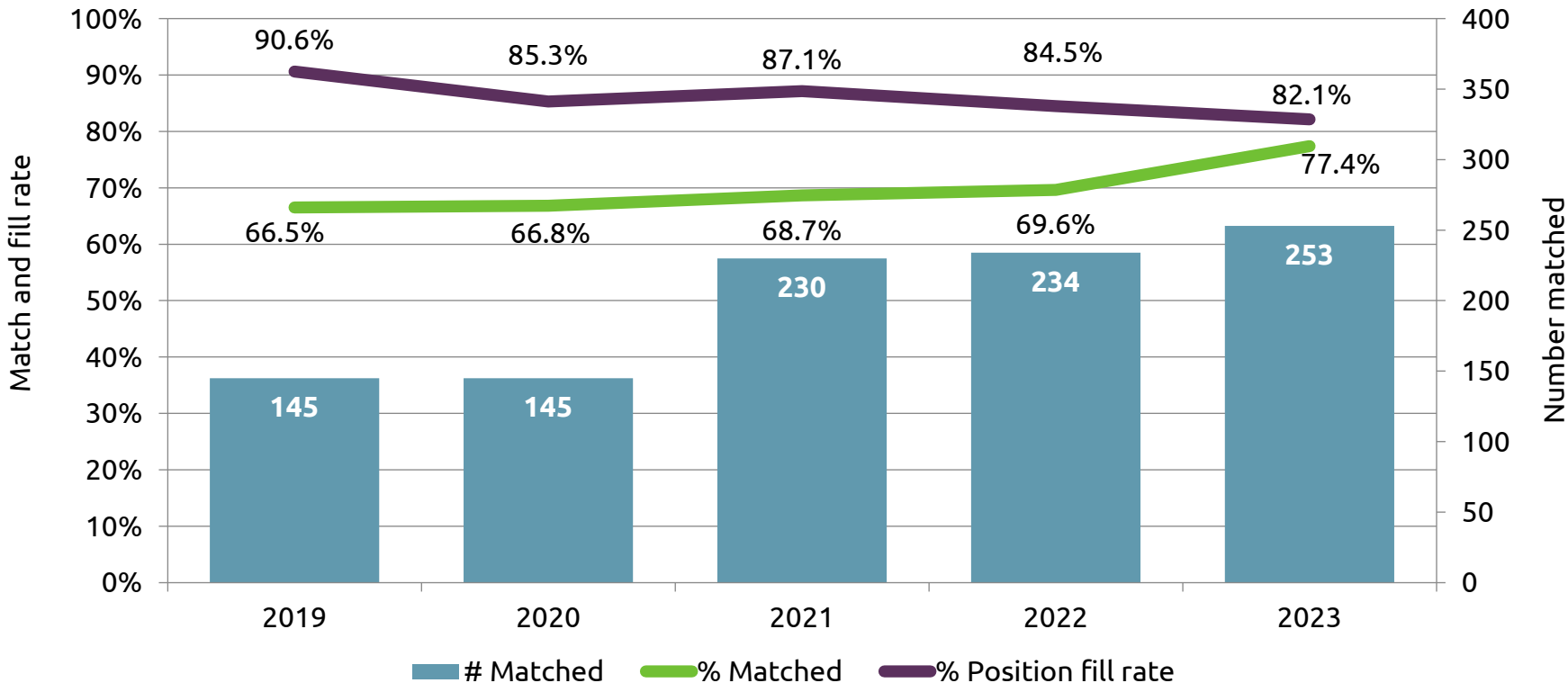
MSM match and fill rates



PSM match and fill rates



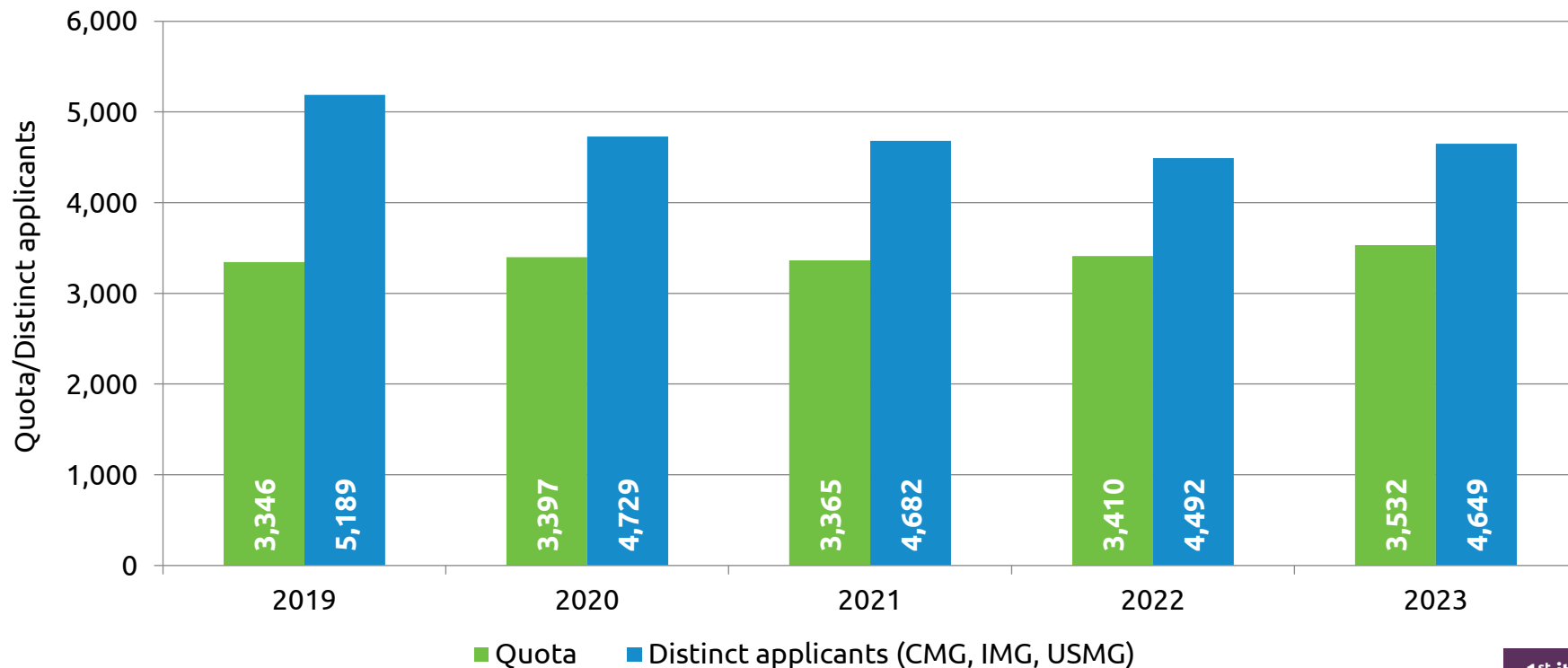
FM/ES match and fill rates



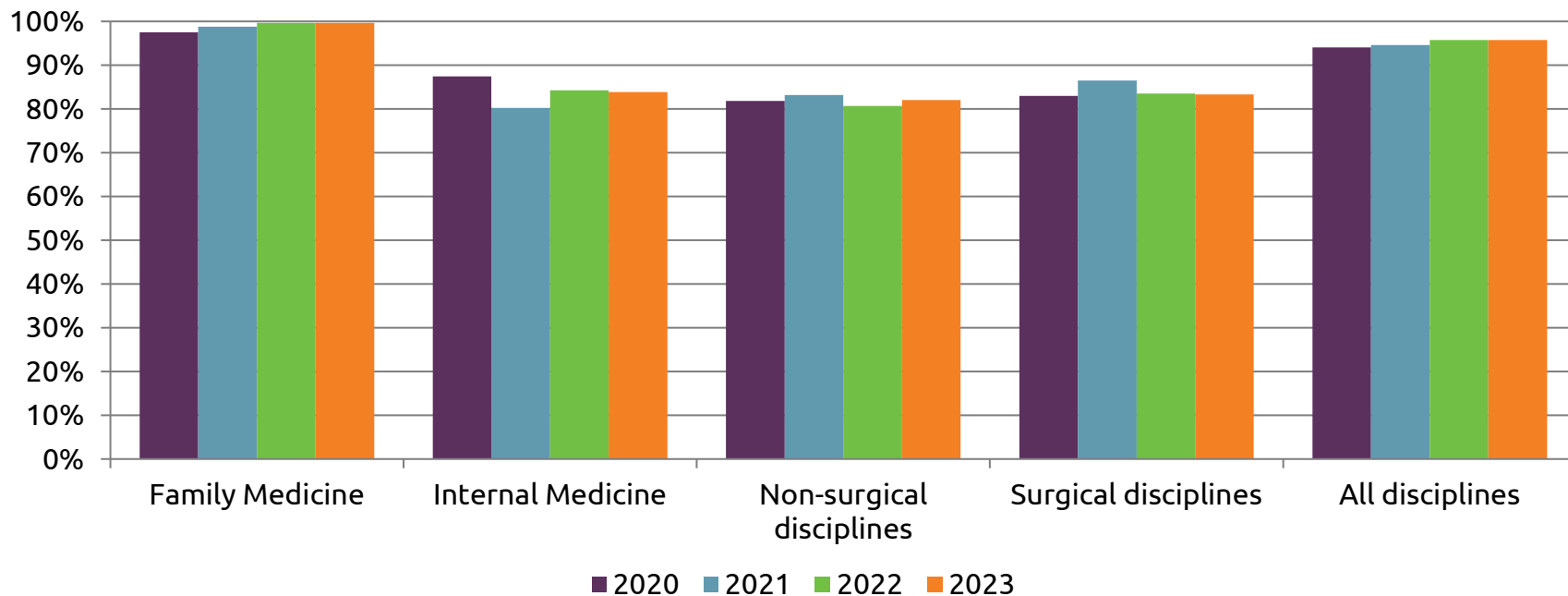


Applications

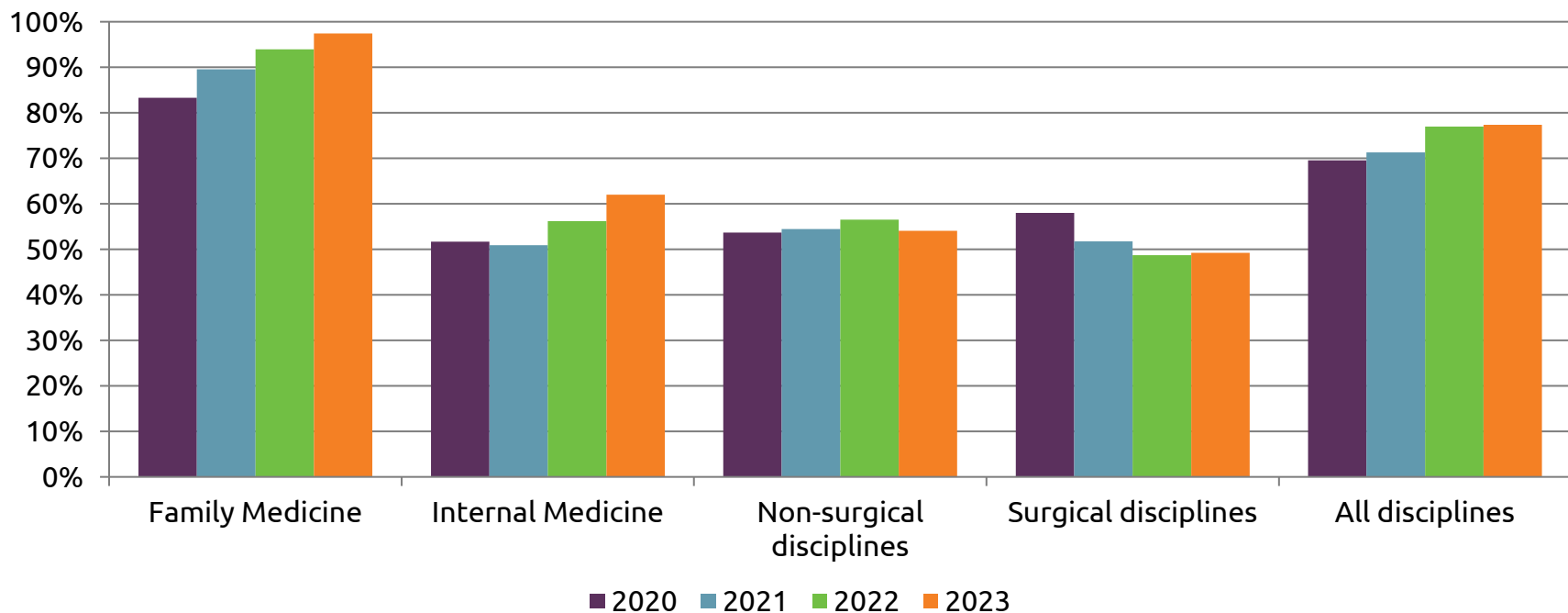
Program applications: all disciplines



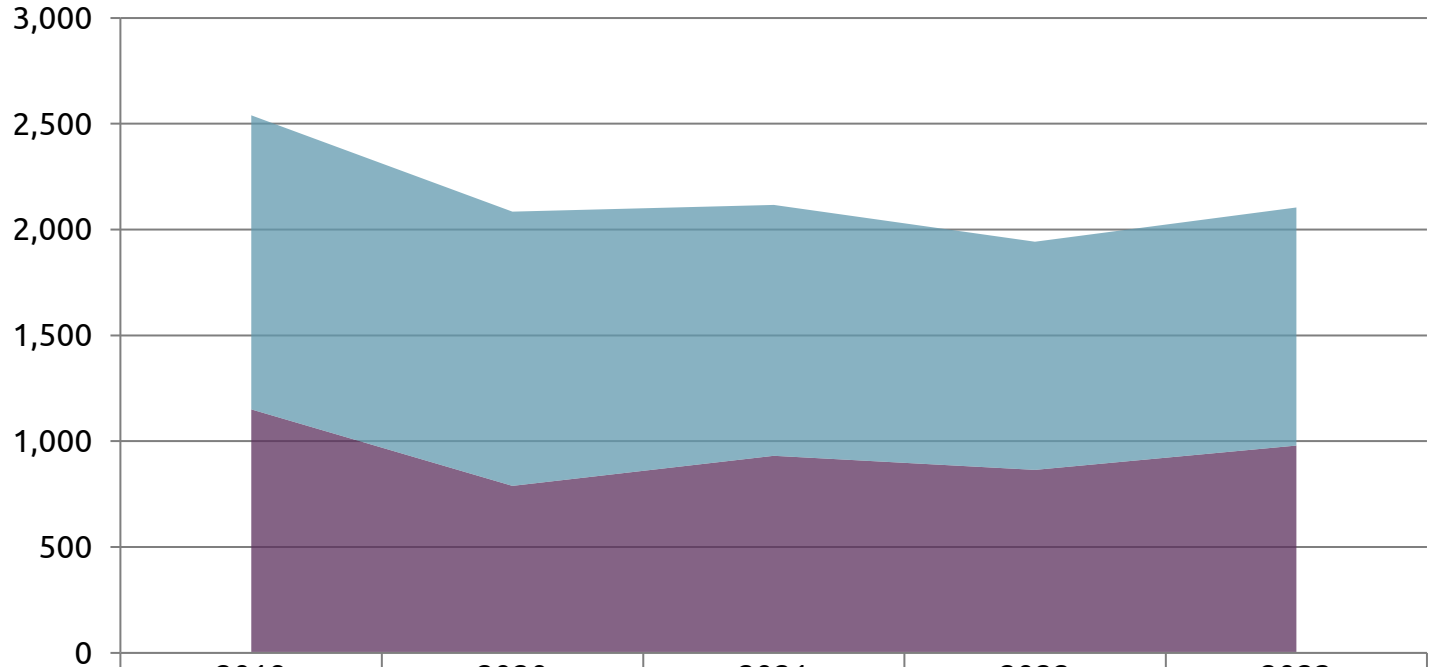
CMG applications resulting in interview offers from home school, by discipline group



CMG applications resulting in interview offers from away school, by discipline group

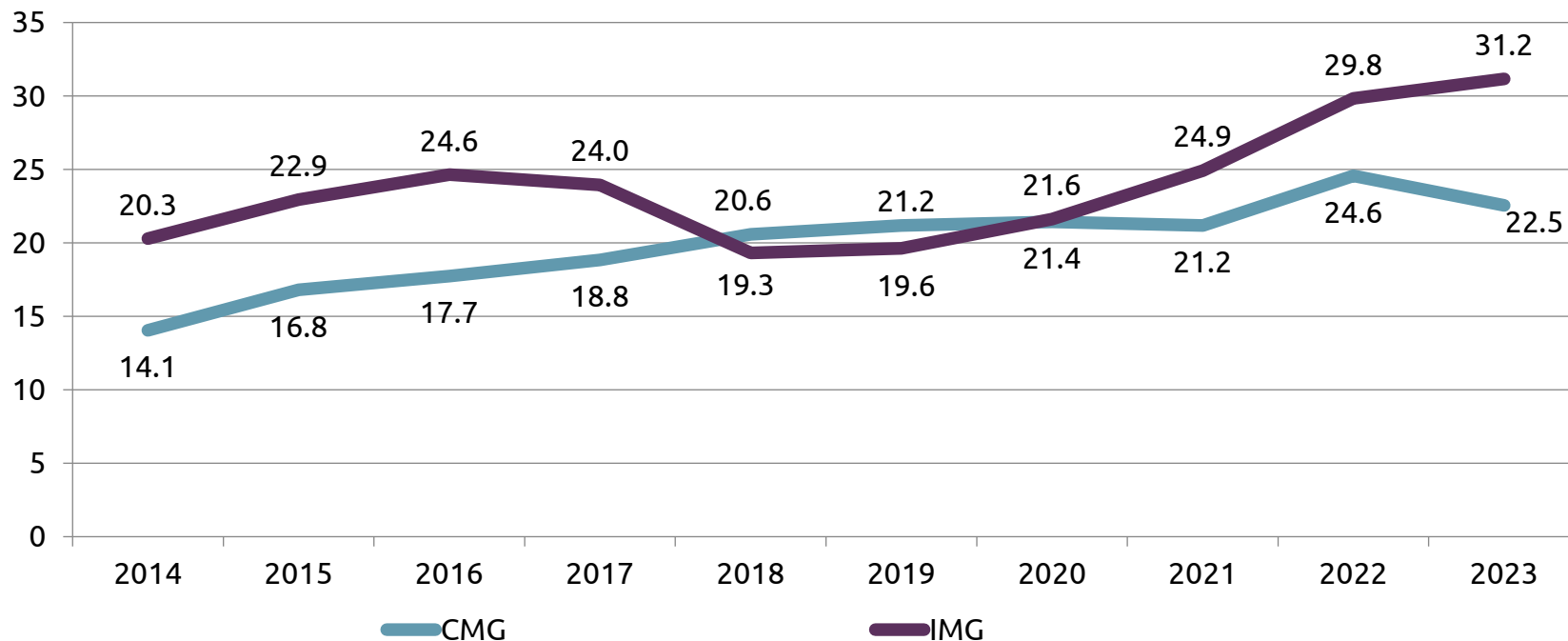


IMG registrants

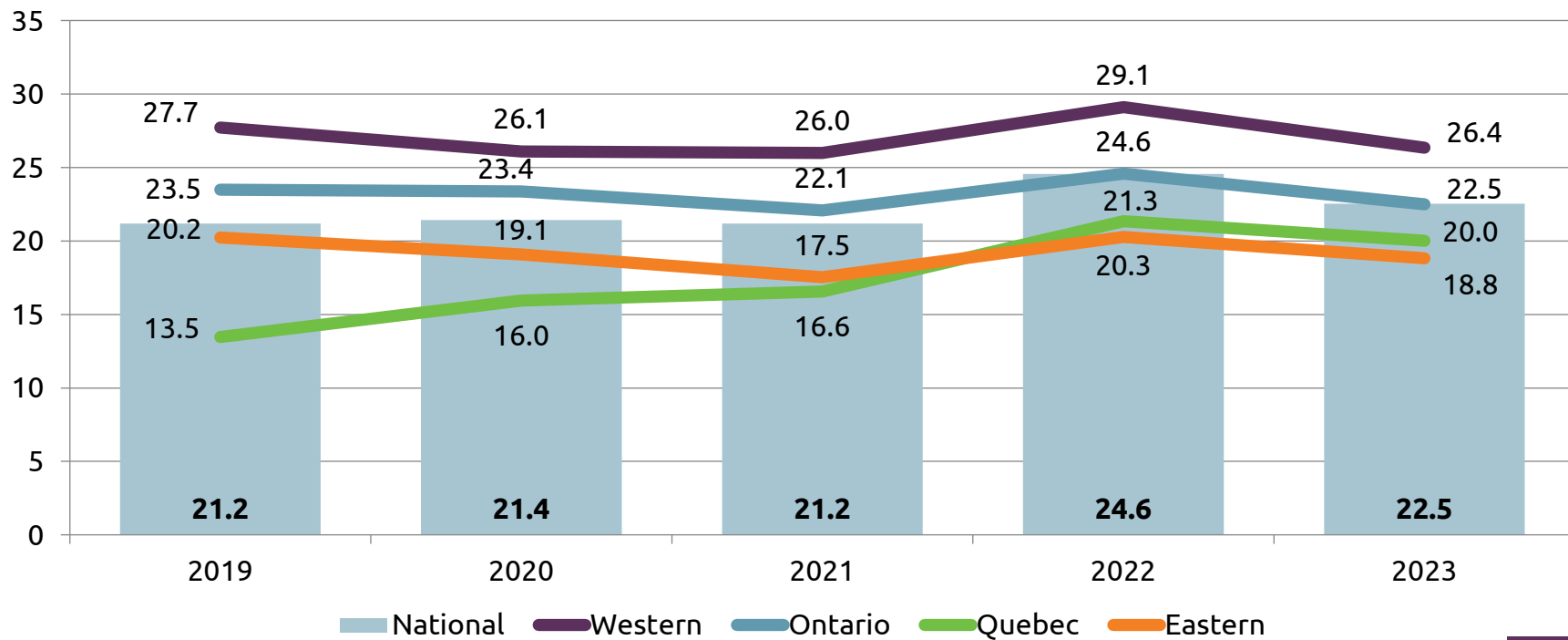


Returning IMG registrants	1,389	1,296	1,186	1,079	1,125
New IMG registrants	1,151	789	931	864	980

Average number of CMG and IMG program applications



Average number of CMG program applications, by region



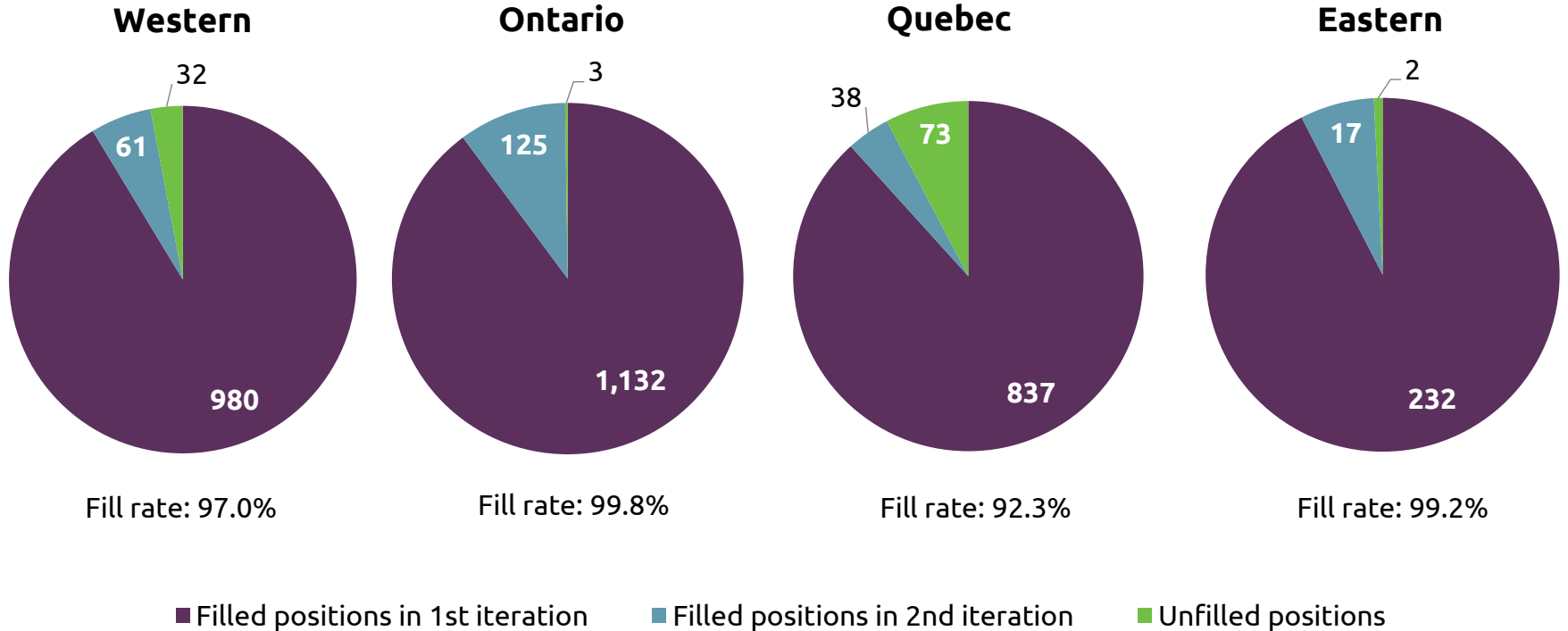


Regional highlights

2023 R-1 match regional highlights (CMG applicant view)

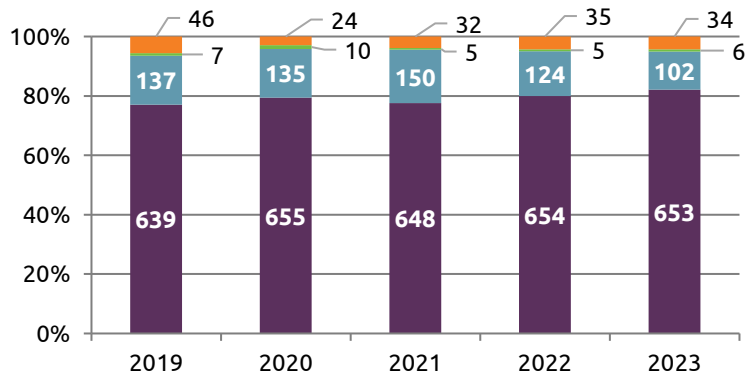
First iteration							Unmatched current year CMGs after second iteration		
Region	Current year graduates			Previous years graduates					
	Matched	% Matched	Unmatched	Matched	% Matched	Unmatched			
Western	758	94.6%	43	8	80.0%	2			
Ontario	941	94.6%	54	5	83.3%	1			
Quebec	798	90.7%	82	47	92.2%	4			
Eastern	180	95.7%	8	6	100.0%	0			
Second iteration									
Region	Current year graduates			Previous years graduates					
	Matched	% Matched	Unmatched	Matched	% Matched	Unmatched			
Western	24	60.0%	16	5	45.5%	6			
Ontario	29	65.9%	15	14	46.7%	16			
Quebec	28	60.9%	18	4	36.4%	7			
Eastern	2	28.6%	5	1	33.3%	2			
							National	2023	2022
							Western	1.9%	1.2%
							Ontario	2.0%	2.0%
							Quebec	1.5%	0.4%
							Eastern	2.0%	1.3%
								2.7%	2.1%

2023 R-1 match regional highlights (program quota view)

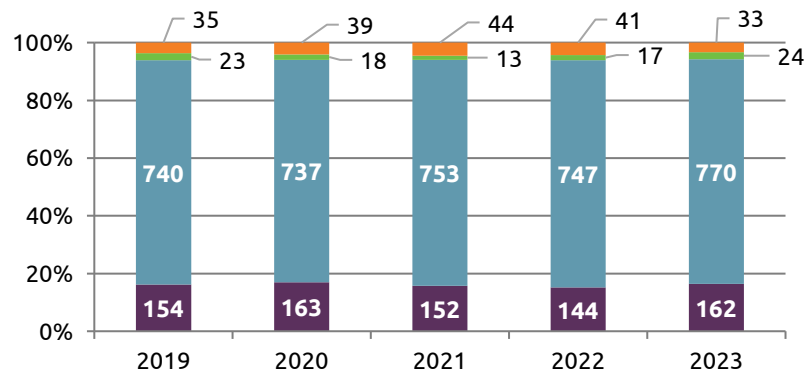


Graduate mobility by region

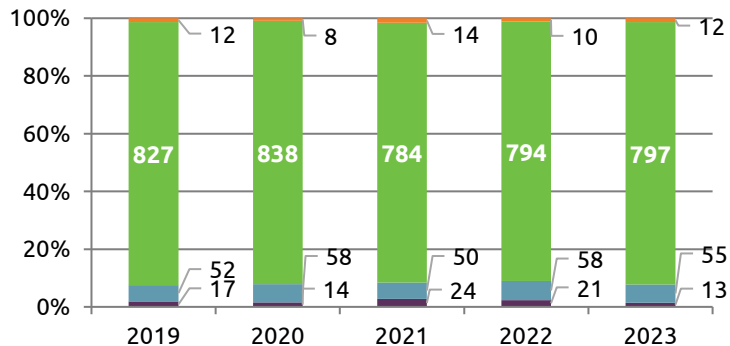
Western graduates



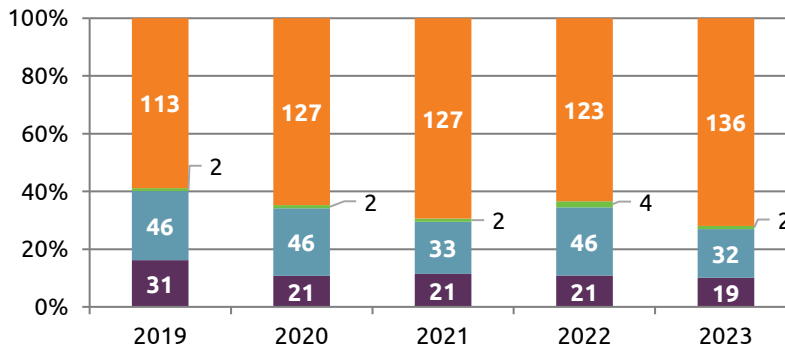
Ontario graduates



Quebec graduates



Eastern graduates

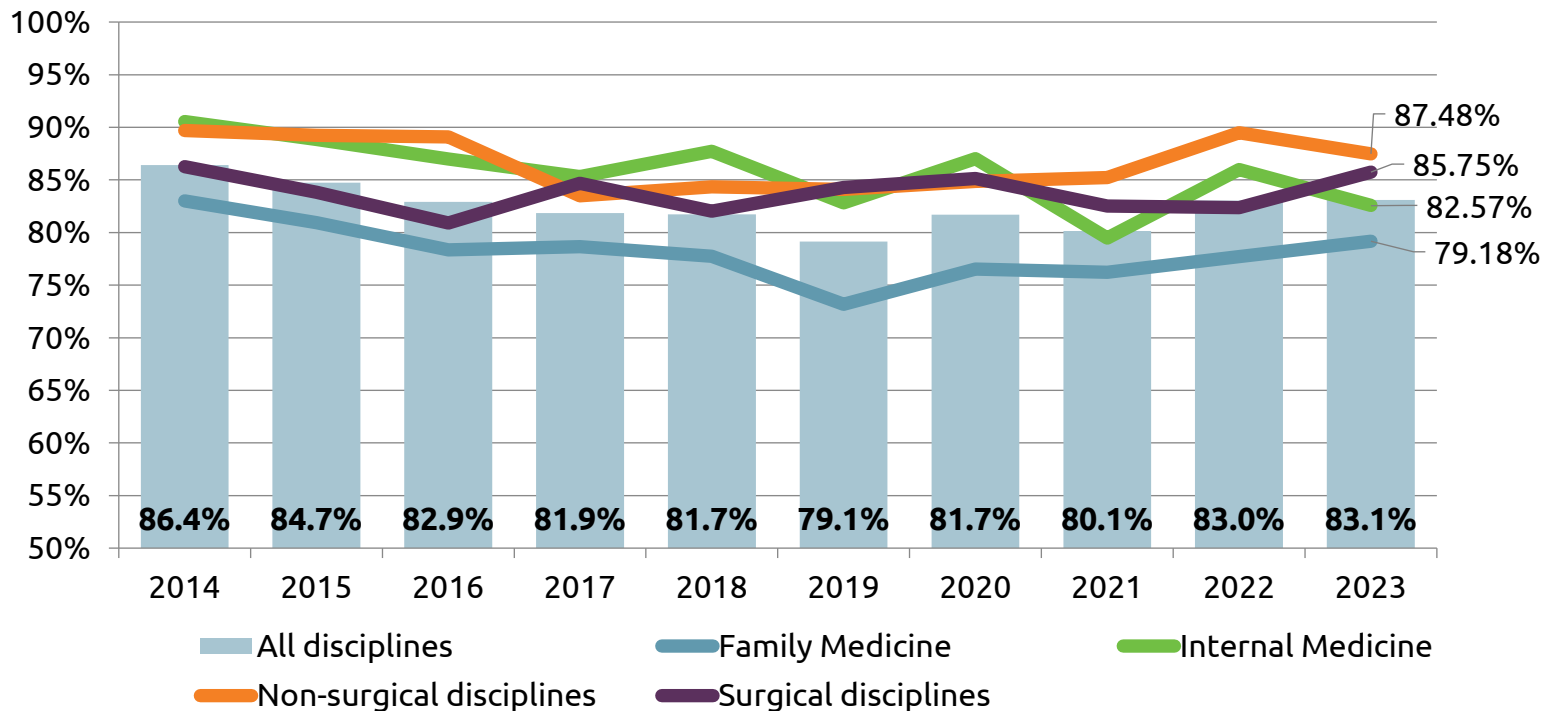


- Matched to Western school
- Matched to Ontario school
- Matched to Quebec school
- Matched to Eastern school



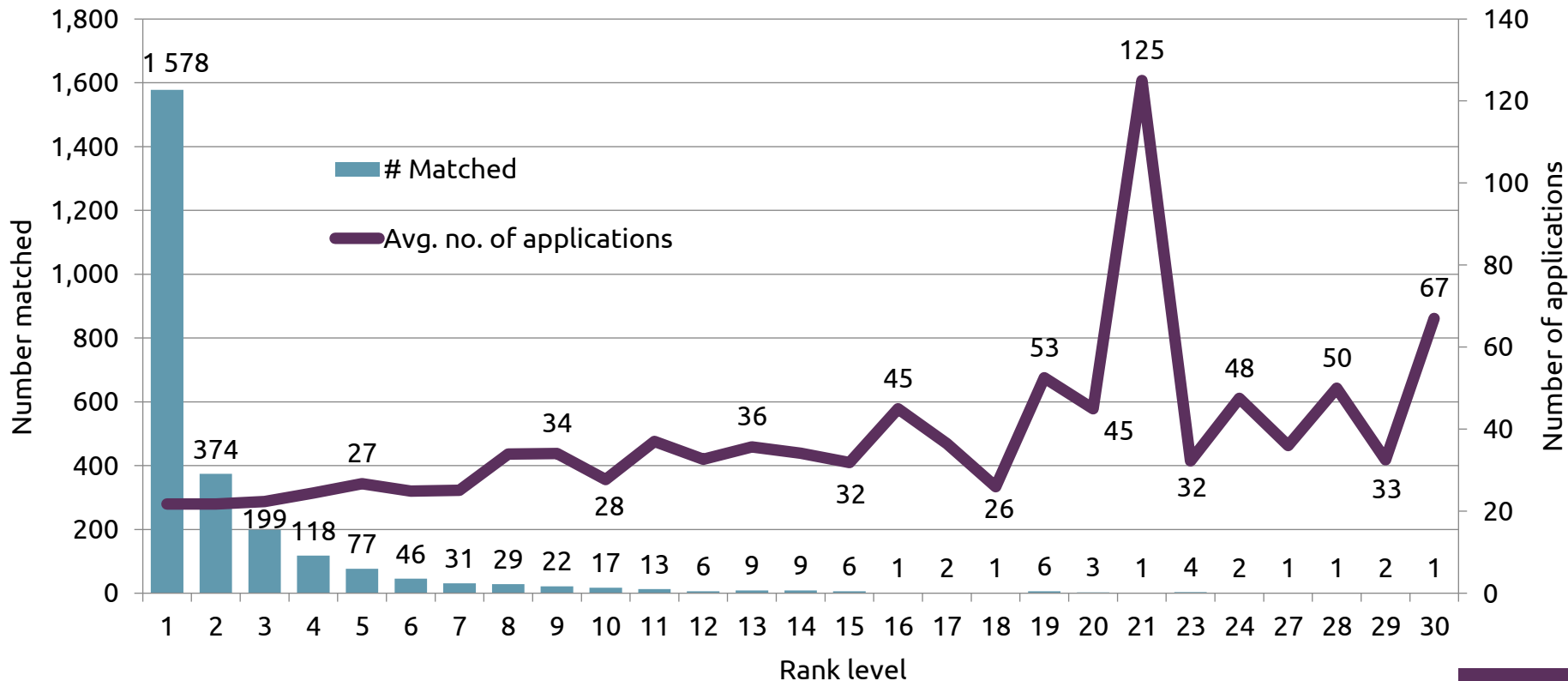
CMG match details

CMGs matched to one of their top three program choices, by discipline group

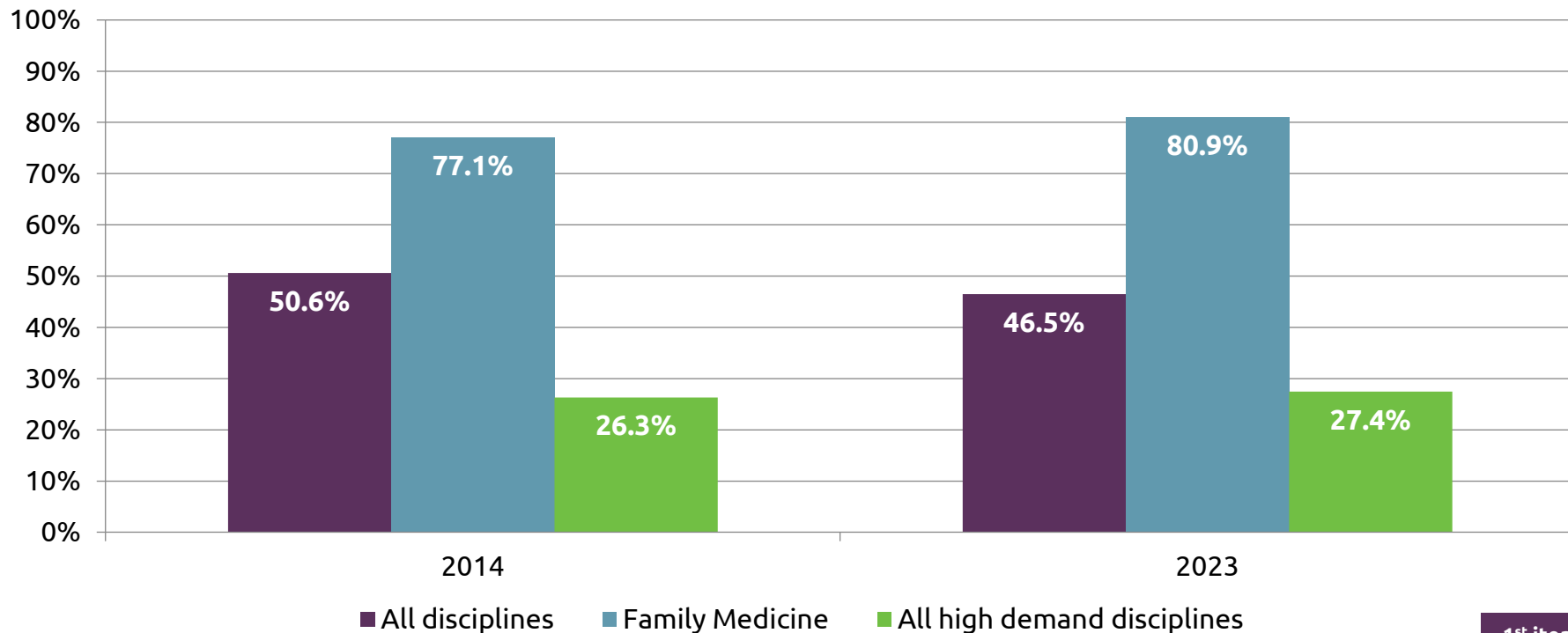


Program choice 2023	
1st	61.2%
2nd	14.1%
3rd	7.8%
4th	4.6%
5th	2.9%
6th	1.7%
7th	1.2%
8th +	6.4%

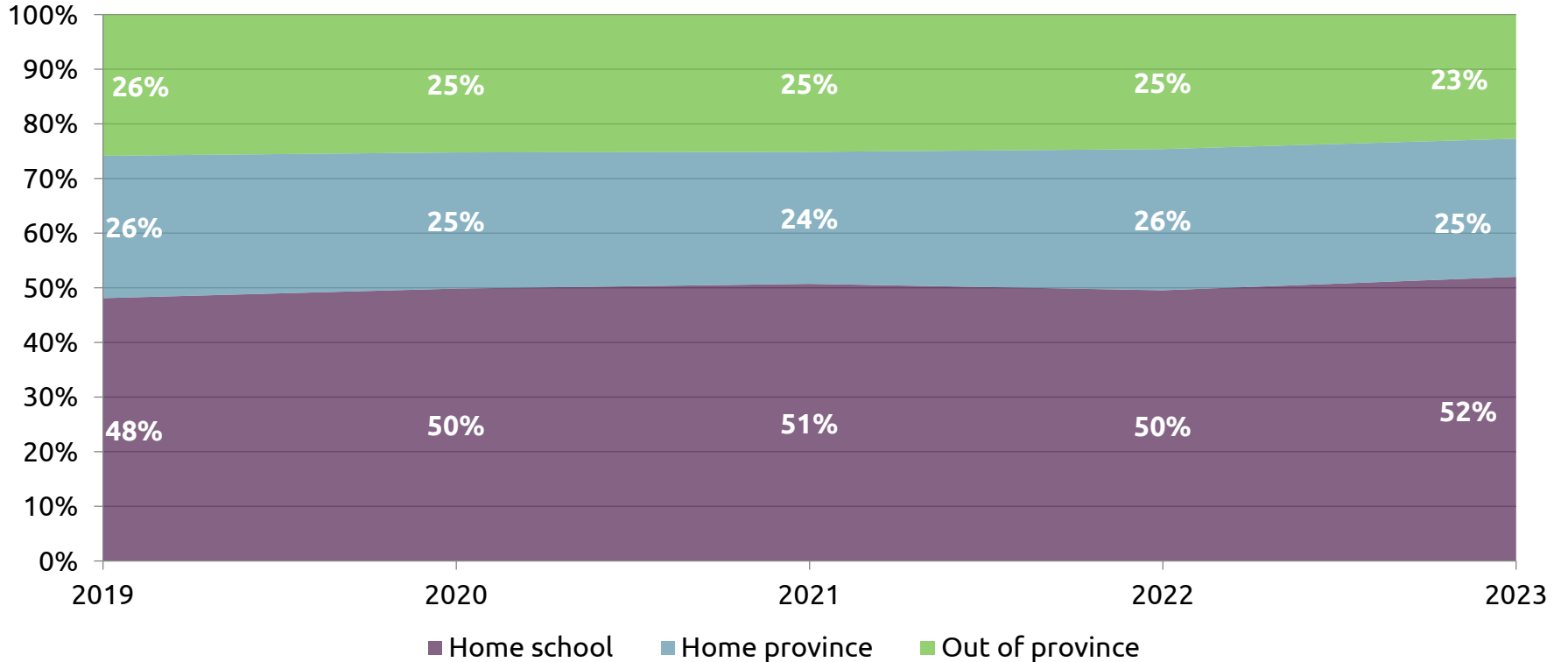
2023 CMG individual matched rank results



Proportions of current year CMGs ranking only one discipline



Graduate mobility : emigration at national level



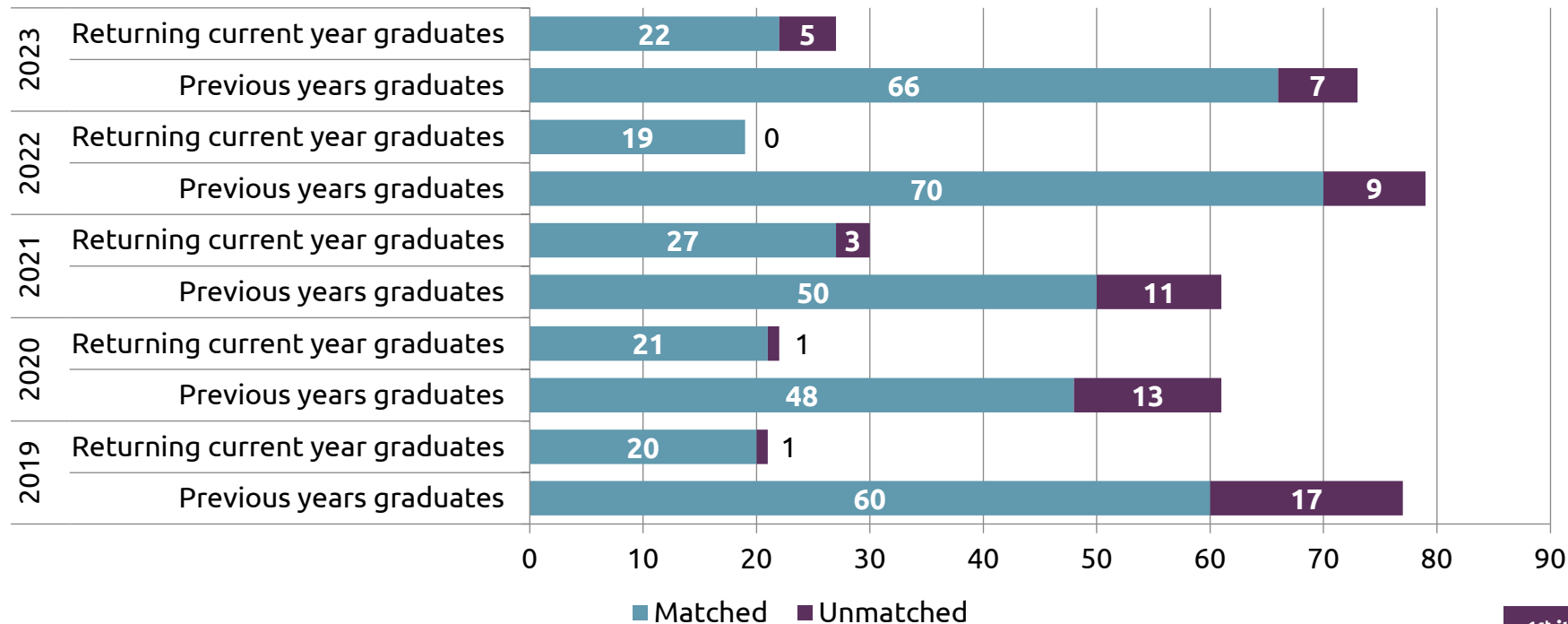
Match results by school of graduation, first iteration 2023

School of graduation	Matched			Unmatched			Final participants		
	Current year graduates	Previous years graduates	Total	Current year graduates	Previous years graduates	Total	Current year graduates	Previous years graduates	Total
Memorial University of Newfoundland	73	0	73	4	0	4	77	0	77
Dalhousie University	107	6	113	4	0	4	111	6	117
Université Laval	221	12	233	21	1	22	242	13	255
Université de Sherbrooke	166	8	174	16	0	16	182	8	190
Université de Montréal	258	16	274	29	2	31	287	18	305
McGill University	153	11	164	16	1	17	169	12	181
University of Ottawa	161	0	161	9	0	9	170	0	170
Queen's University	104	0	104	3	1	4	107	1	108
NOSM University	63	0	63	3	0	3	66	0	66
University of Toronto	253	1	254	19	0	19	272	1	273
McMaster University	193	0	193	10	0	10	203	0	203
Western University	167	4	171	10	0	10	177	4	181
University of Manitoba	104	1	105	4	0	4	108	1	109
University of Saskatchewan	98	0	98	6	1	7	104	1	105
University of Alberta	156	0	156	7	0	7	163	0	163
University of Calgary	137	0	137	11	0	11	148	0	148
University of British Columbia	263	7	270	15	1	16	278	8	286
Total	2,677	66	2,743	187	7	194	2,864	73	2,937

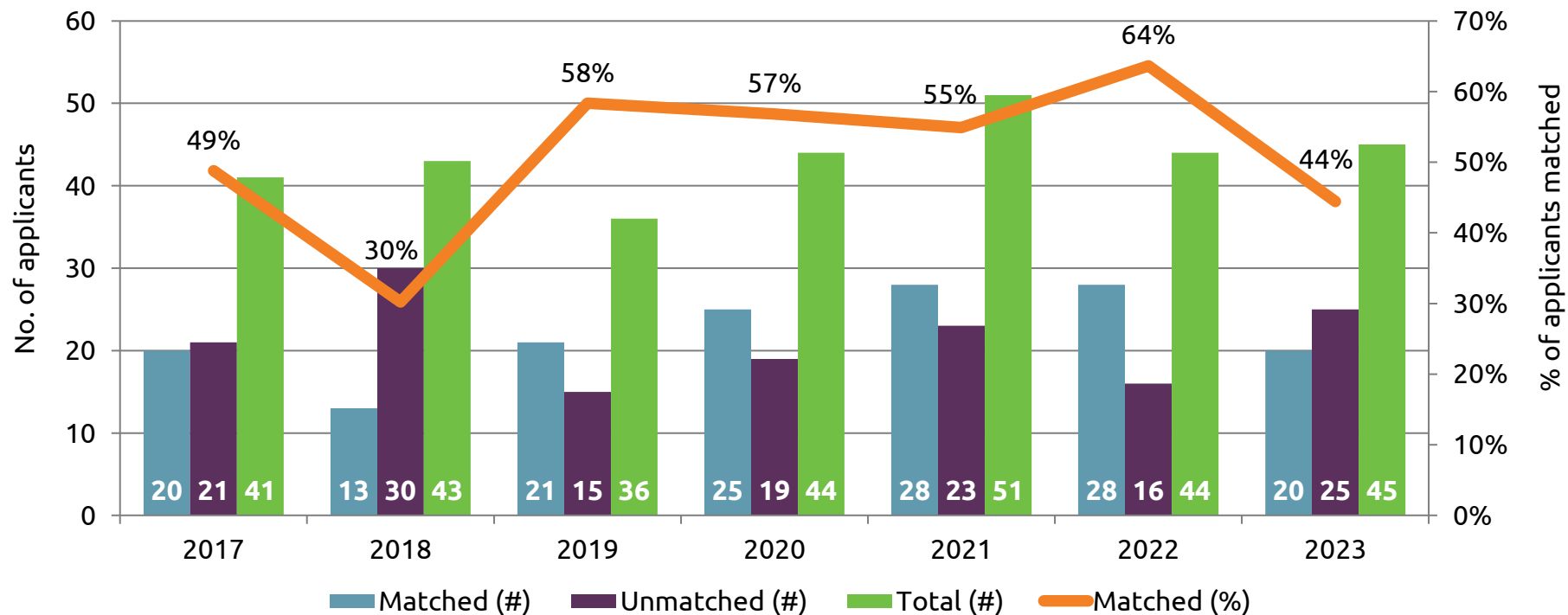
Match results by school of graduation, second iteration 2023

School of graduation	Matched			Unmatched			Final participants		
	Current year graduates	Previous years graduates	Total	Current year graduates	Previous years graduates	Total	Current year graduates	Previous years graduates	Total
Memorial University of Newfoundland	1	1	2	3	0	3	4	1	5
Dalhousie University	1	0	1	2	2	4	3	2	5
Université Laval	6	1	7	2	3	5	8	4	12
Université de Sherbrooke	4	0	4	5	0	5	9	0	9
Université de Montréal	12	2	14	6	2	8	18	4	22
McGill University	6	1	7	5	2	7	11	3	14
University of Ottawa	4	5	9	3	5	8	7	10	17
Queen's University	2	2	4	0	2	2	2	4	6
NOSM University	1	1	2	1	0	1	2	1	3
University of Toronto	13	3	16	3	3	6	16	6	22
McMaster University	6	2	8	4	2	6	10	4	14
Western University	3	1	4	4	4	8	7	5	12
University of Manitoba	2	0	2	1	0	1	3	0	3
University of Saskatchewan	3	2	5	3	2	5	6	4	10
University of Alberta	4	0	4	3	2	5	7	2	9
University of Calgary	4	1	5	6	1	7	10	2	12
University of British Columbia	11	2	13	3	1	4	14	3	17
Total	83	24	107	54	31	85	137	55	192

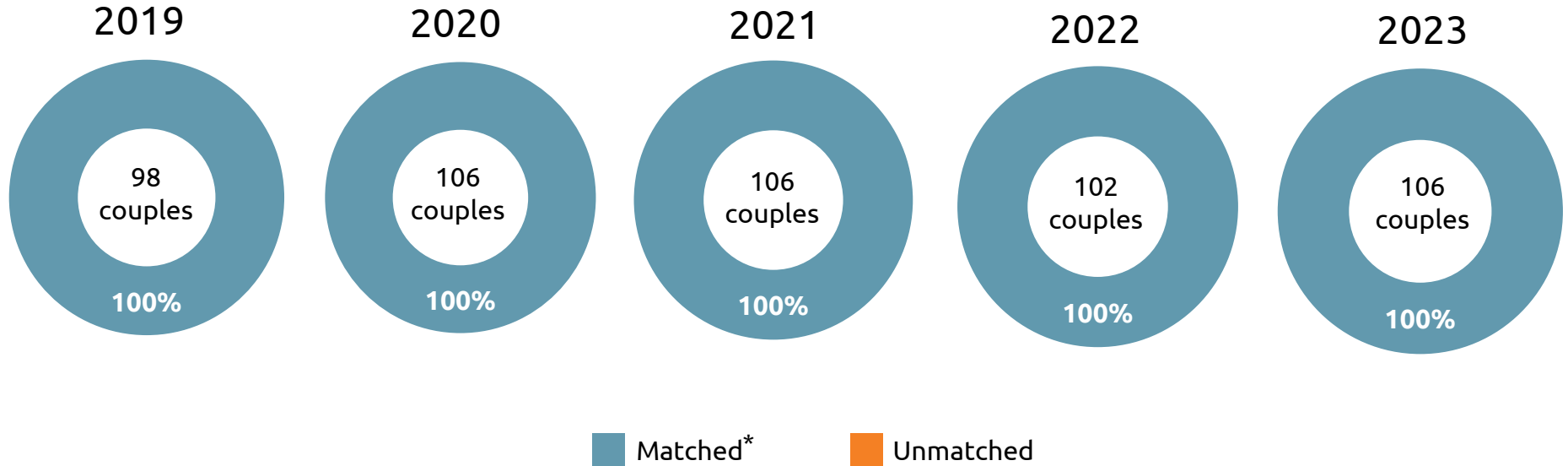
Previously unmatched CMGs participating in first iteration



Match results of CMGs with prior post-graduate training



CMG couples match rates

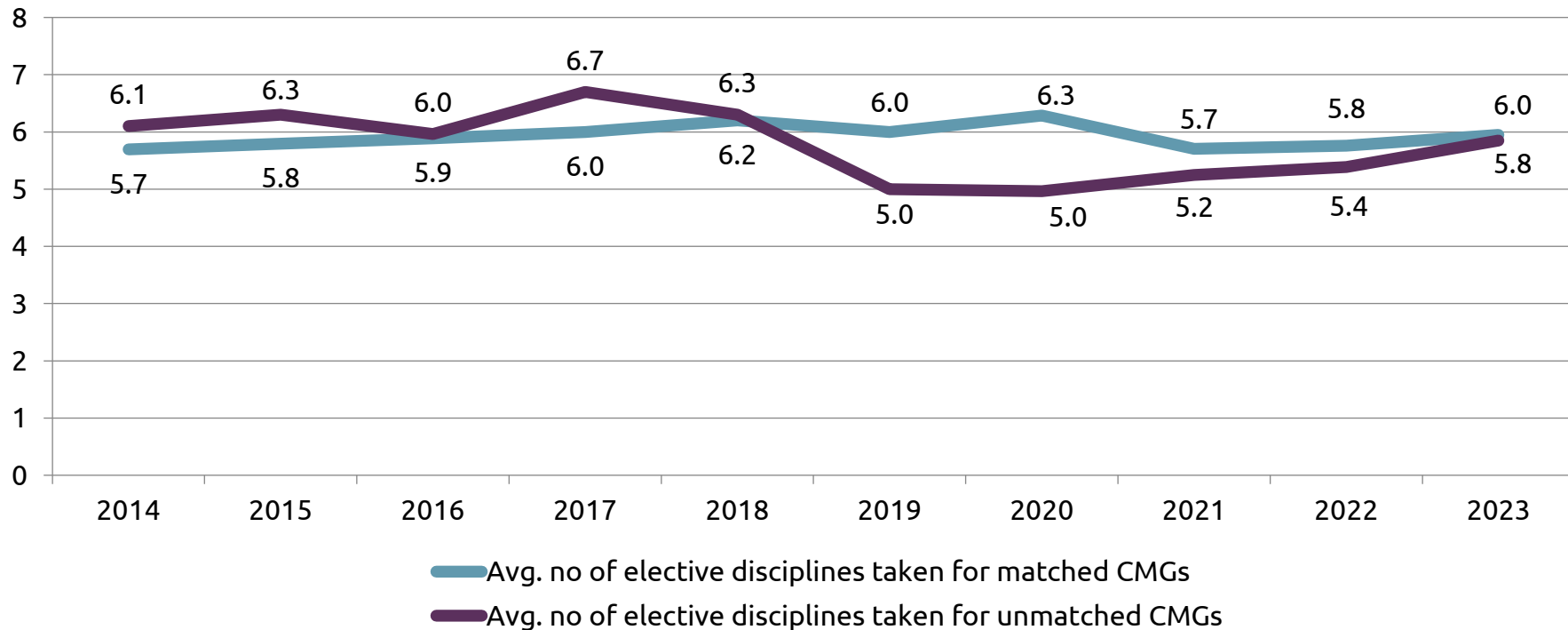


*Includes couples that matched only one partner



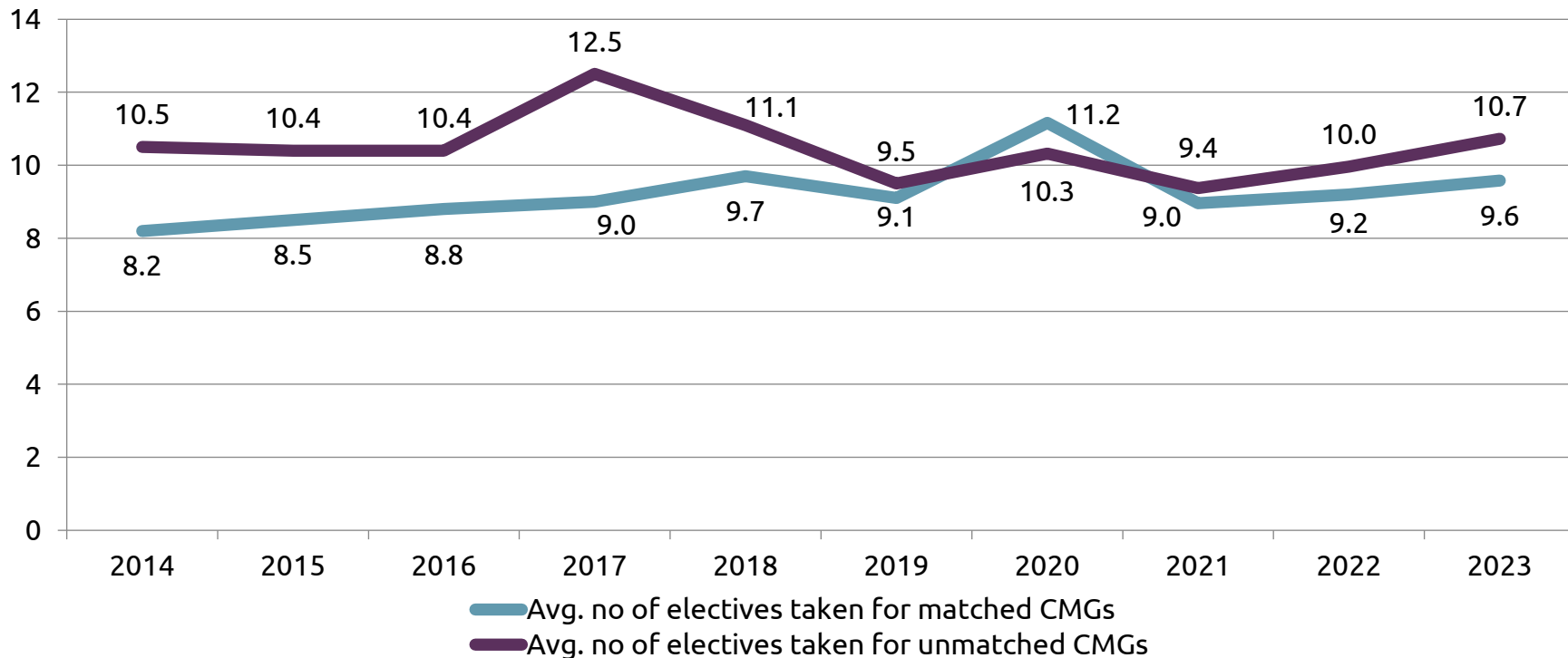
CMG electives

Average number of elective disciplines for CMGs



NOTE: Electives data self-reported by applicants

Average number of electives for CMGs



NOTE: Electives data self-reported by applicants



Movement of positions

2023 positions by school of residency

School of residency	First iteration			Second iteration	
	Positions available	Positions filled	Positions unfilled	Positions filled	Positions unfilled
Memorial University of Newfoundland	86	73	13	12	1
Dalhousie University	165	159	6	5	1
Université Laval	249	212	37	18	19
Université de Sherbrooke	203	165	38	7	31
Université de Montréal	304	277	27	4	23
McGill University	192	183	9	9	0
University of Ottawa	209	187	22	22	0
Queen's University	143	121	22	22	0
NOSM University	70	34	36	34	2
University of Toronto	424	421	3	3	0
McMaster University	222	207	15	15	0
Western University	192	162	30	29	1
University of Manitoba	159	136	23	20	3
University of Saskatchewan	128	117	11	11	0
University of Alberta	200	174	26	7	19
University of Calgary	202	179	23	14	9
University of British Columbia	384	374	10	9	1
Total	3,532	3,181	351	241	110

2023 Family Medicine positions by school of residency

School of residency	First iteration			Second iteration	
	Positions available	Positions filled	Positions unfilled	Positions filled	Positions unfilled
Memorial University of Newfoundland	40	30	10	9	1
Dalhousie University	78	75	3	2	1
Université Laval	129	103	26	7	19
Université de Sherbrooke	118	80	38	7	31
Université de Montréal	163	136	27	4	23
McGill University	104	96	8	8	0
University of Ottawa	77	63	14	14	0
Queen's University	73	54	19	19	0
NOSM University	44	18	26	24	2
University of Toronto	165	163	2	2	0
McMaster University	101	90	11	11	0
Western University	78	50	28	27	1
University of Manitoba	61	49	12	12	0
University of Saskatchewan	53	53	0	0	0
University of Alberta	74	53	21	6	15
University of Calgary	85	64	21	14	7
University of British Columbia	186	184	2	2	0
Total	1,629	1,361	268	168	100

2023 positions by discipline (1 of 2)

Discipline	First iteration			Second iteration	
	Positions available	Positions filled	Positions unfilled	Positions filled	Positions unfilled
Anatomical Pathology	40	36	4	4	0
Anesthesiology	150	147	3	3	0
Cardiac Surgery	10	10	0	0	0
Dermatology	30	29	1	1	0
Diagnostic Radiology	83	83	0	0	0
Emergency Medicine	83	83	0	0	0
Family Medicine	1,629	1,361	268	168	100
Family Medicine integrated Clinician Scholar	1	0	1	1	0
Family Medicine integrated Emergency Medicine	4	4	0	0	0
General Pathology	9	7	2	2	0
General Surgery	89	88	1	1	0
Hematological Pathology	4	2	2	1	1
Internal Medicine	538	517	21	21	0
Medical Genetics and Genomics	11	11	0	0	0
Medical Microbiology	7	4	3	1	2
Neurology	60	53	7	7	0
Neurology - Pediatric	8	7	1	1	0
Neuropathology	2	0	2	0	2
Neurosurgery	20	20	0	0	0

2023 positions by discipline (2 of 2)

Discipline	First iteration			Second iteration	
	Positions available	Positions filled	Positions unfilled	Positions filled	Positions unfilled
Nuclear Medicine	9	9	0	0	0
Obstetrics and Gynecology	98	98	0	0	0
Ophthalmology	40	40	0	0	0
Orthopedic Surgery	59	59	0	0	0
Otolaryngology - Head and Neck Surgery	30	29	1	0	1
Pediatrics	163	160	3	3	0
Physical Medicine and Rehabilitation	34	33	1	1	0
Plastic Surgery	25	25	0	0	0
Plastic Surgery - Research Track	1	1	0	0	0
Psychiatry	202	179	23	21	2
Public Health and Preventive Medicine	11	10	1	1	0
Public Health and Preventive Medicine including Family Medicine	16	10	6	4	2
Radiation Oncology	22	22	0	0	0
Urology	33	33	0	0	0
Vascular Surgery	11	11	0	0	0
Total	3,532	3,181	351	241	110

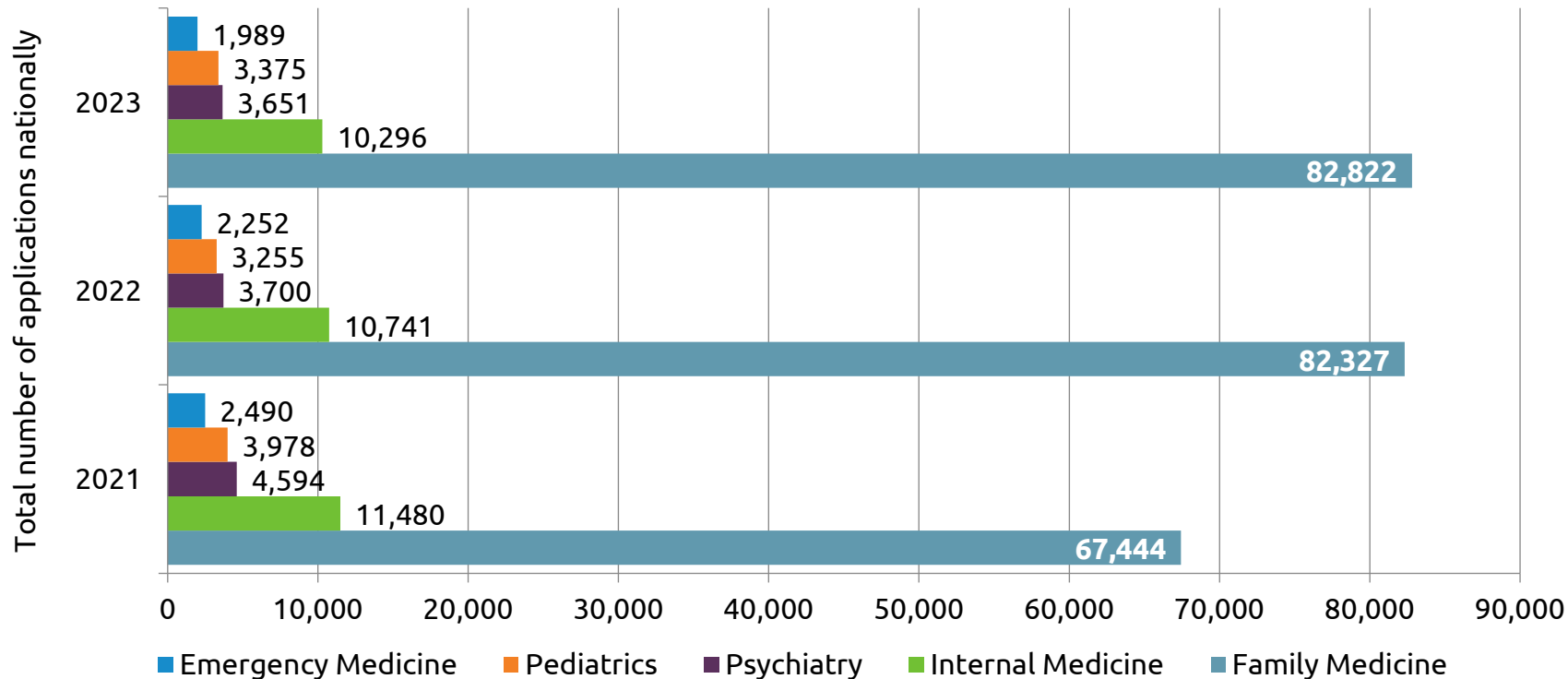


Top CMG discipline choices

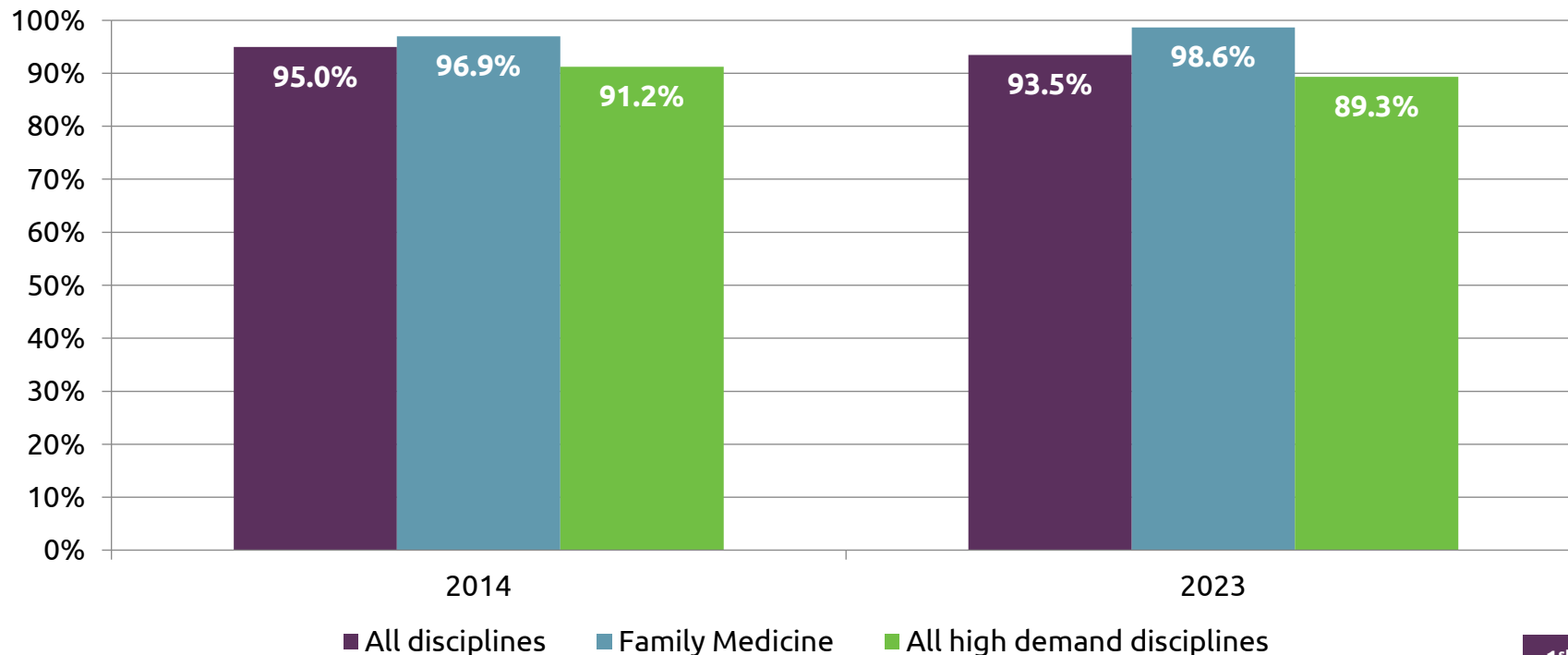
Top 10 CMG discipline choices

First choice disciplines	2019	2020	2021	2022	2023	Change from 2019
Family Medicine	33.2%	32.4%	31.4%	30.7%	30.3%	-2.9%
Internal Medicine	15.7%	15.4%	16.0%	16.2%	14.2%	-1.5%
Anesthesiology	5.1%	5.2%	5.3%	6.3%	6.9%	1.8%
Psychiatry	7.0%	7.5%	7.0%	6.3%	6.5%	-0.4%
Pediatrics	6.4%	6.0%	6.0%	5.7%	5.2%	-1.2%
Obstetrics and Gynecology	4.0%	3.8%	3.8%	3.8%	4.5%	0.5%
Diagnostic Radiology	2.6%	3.1%	3.0%	3.6%	4.3%	1.7%
Emergency Medicine	4.1%	4.3%	4.3%	4.2%	3.8%	-0.2%
General Surgery	3.2%	3.1%	3.5%	3.3%	3.5%	0.4%
Ophthalmology	2.0%	2.5%	2.3%	2.6%	2.6%	0.6%

Top five disciplines by number of applications



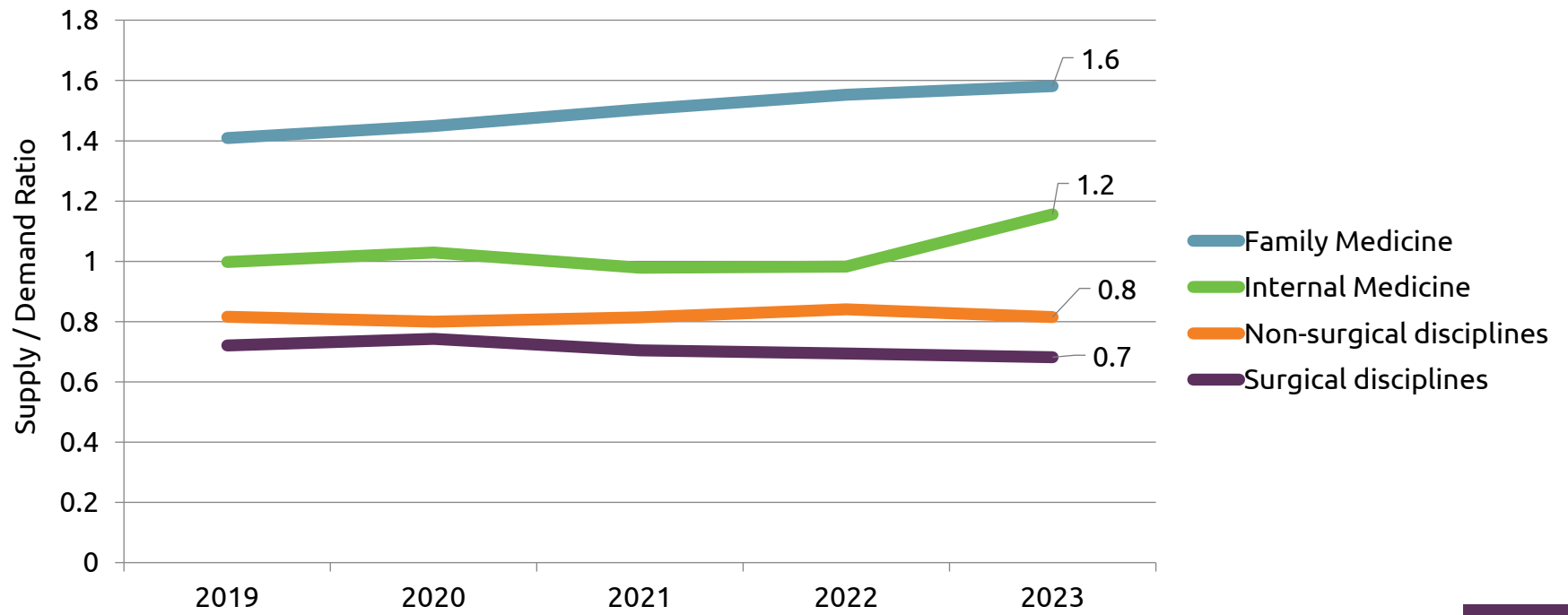
Overall match rate of current year CMGs by first choice discipline categorization





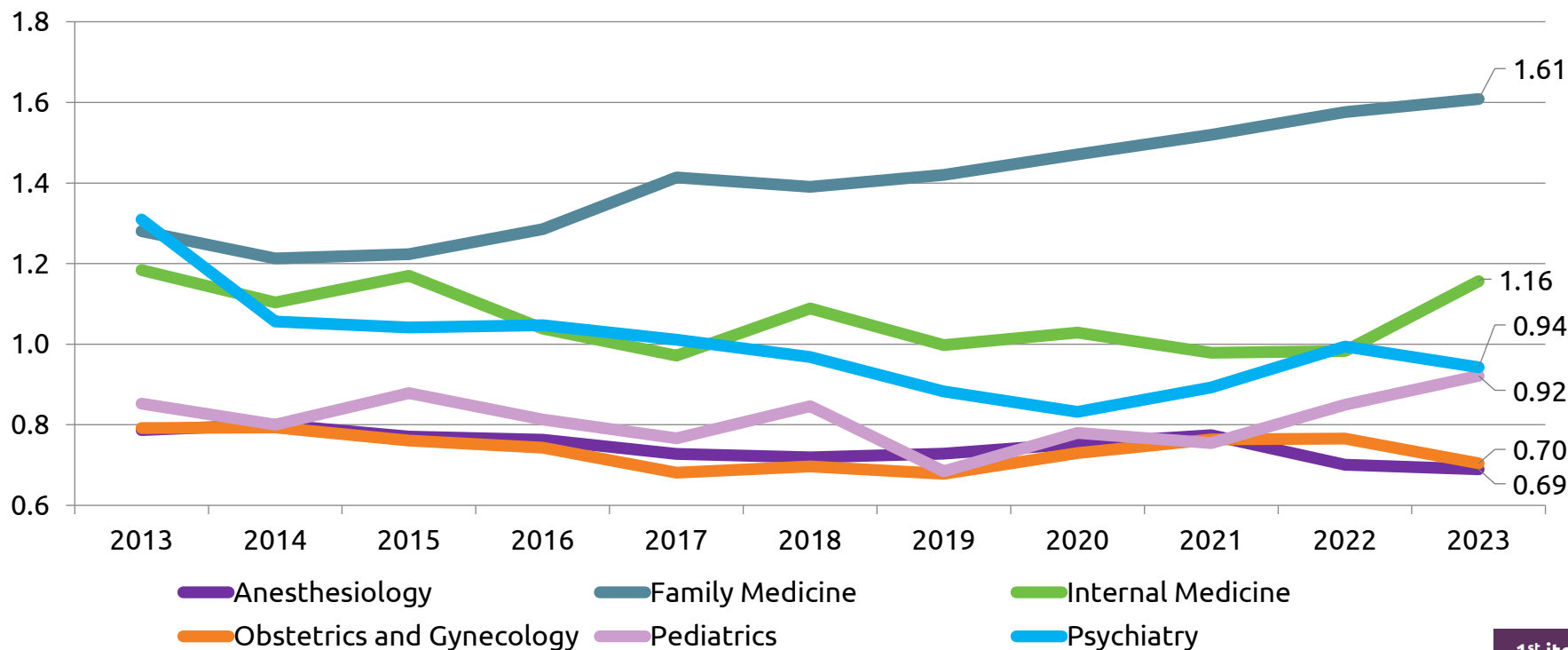
Supply and demand

National CMG supply and demand, by discipline group

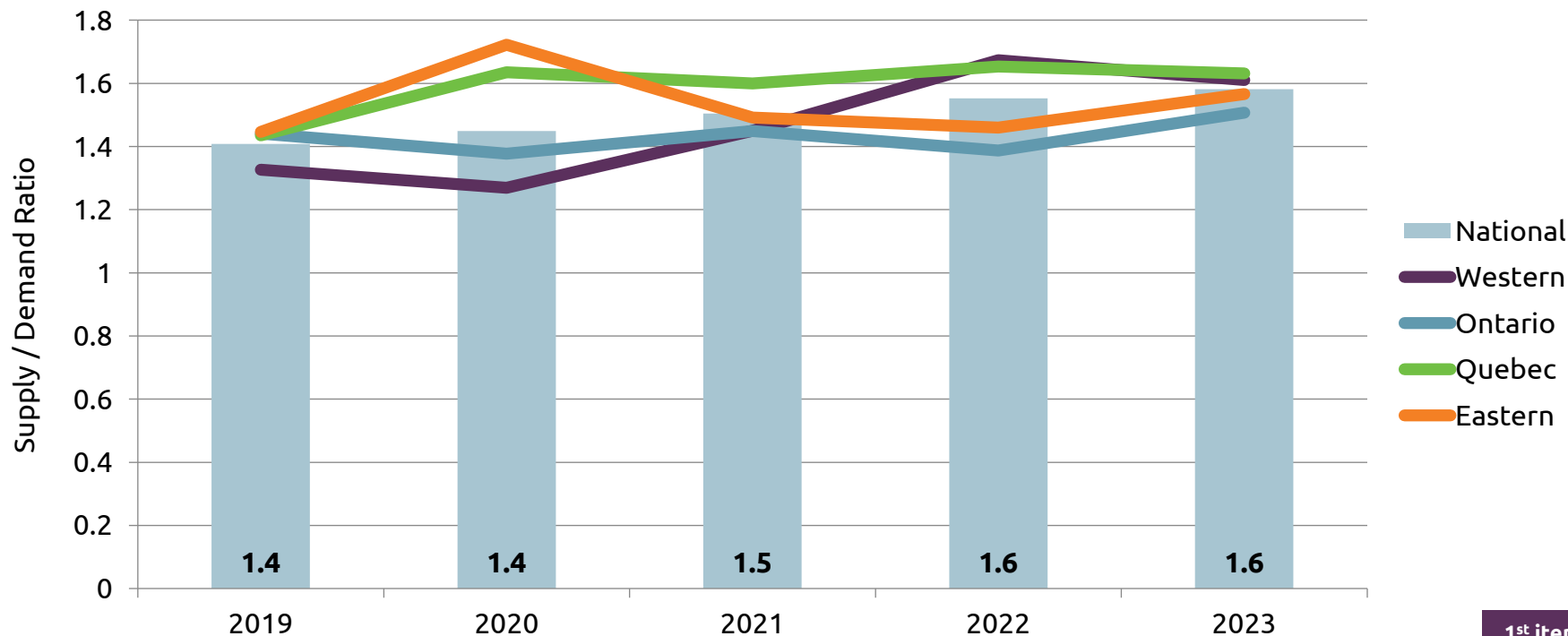


Changes in CMG supply and demand, 2013 – 2023

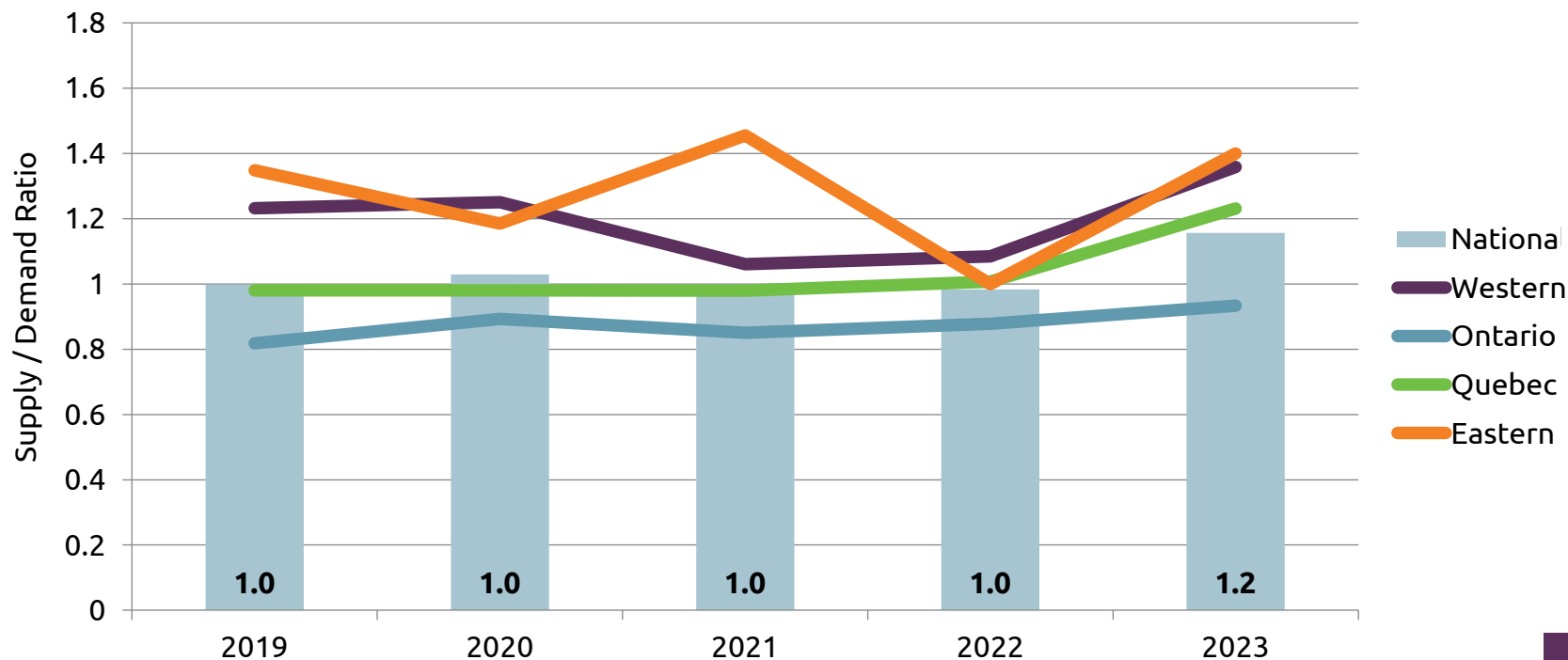
(Disciplines with >90 quota in 2023)



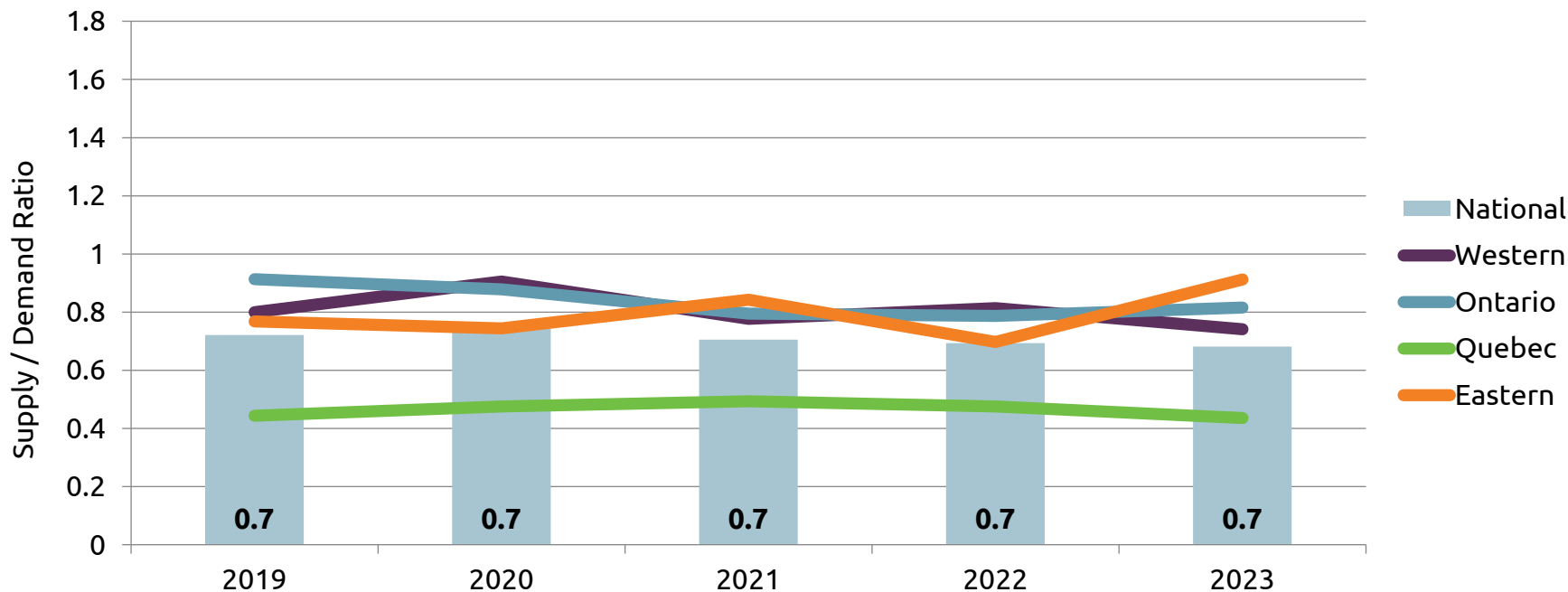
Supply and demand ratio: CMG quota for Family Medicine



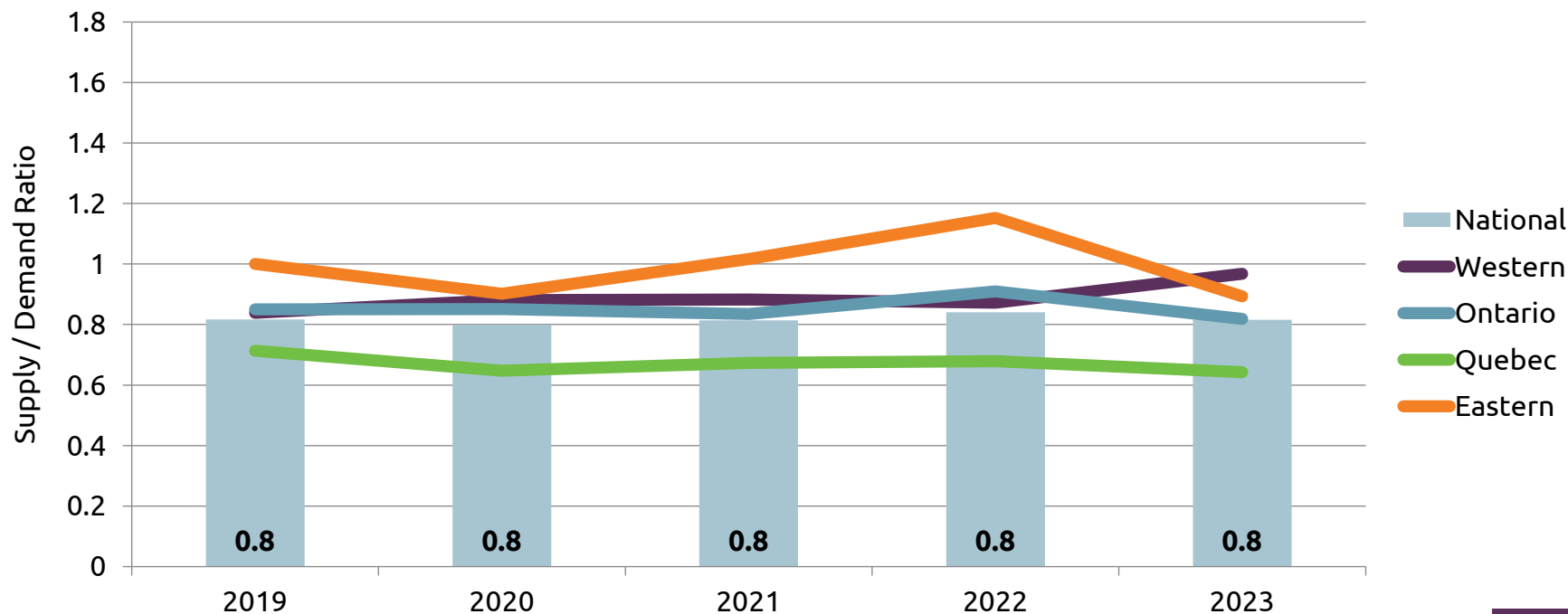
Supply and demand ratio: CMG quota for Internal Medicine



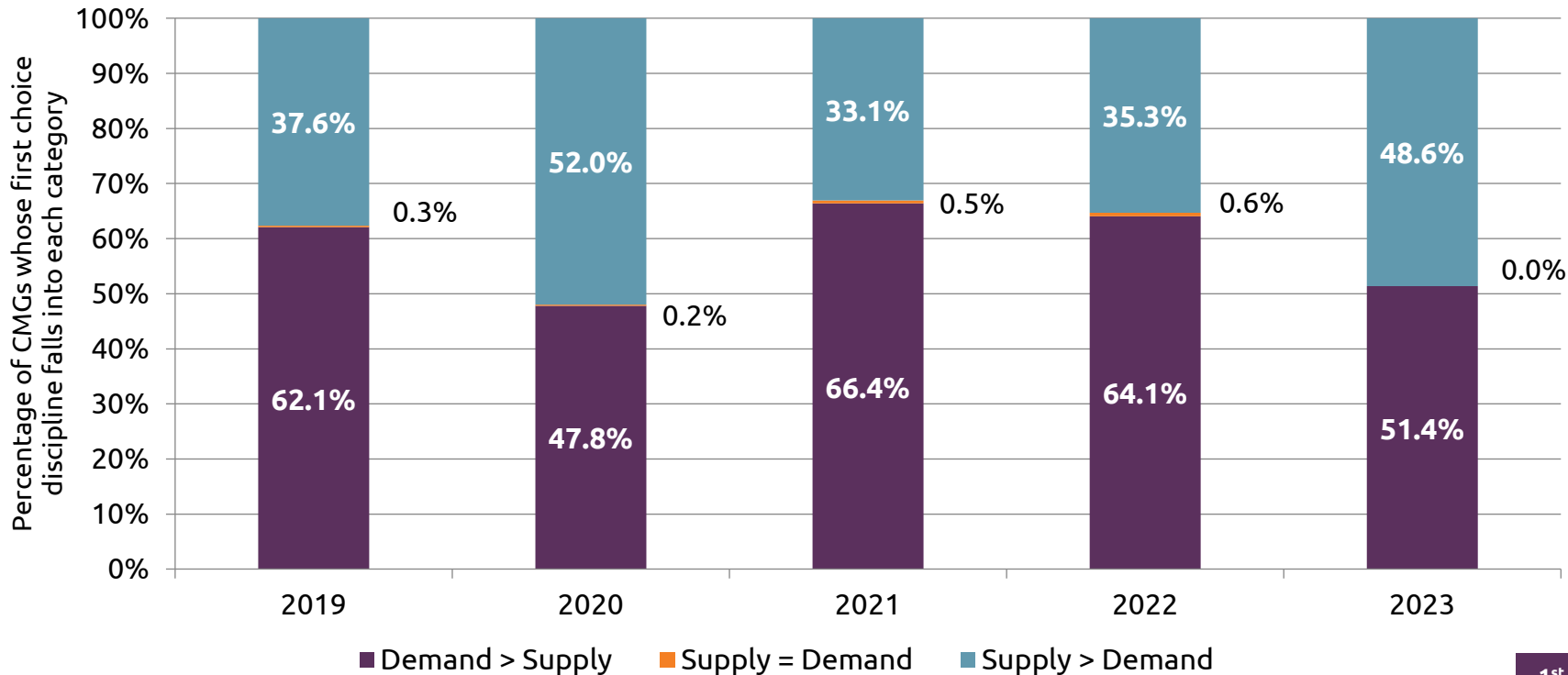
Supply and demand ratio: CMG quota for surgical disciplines



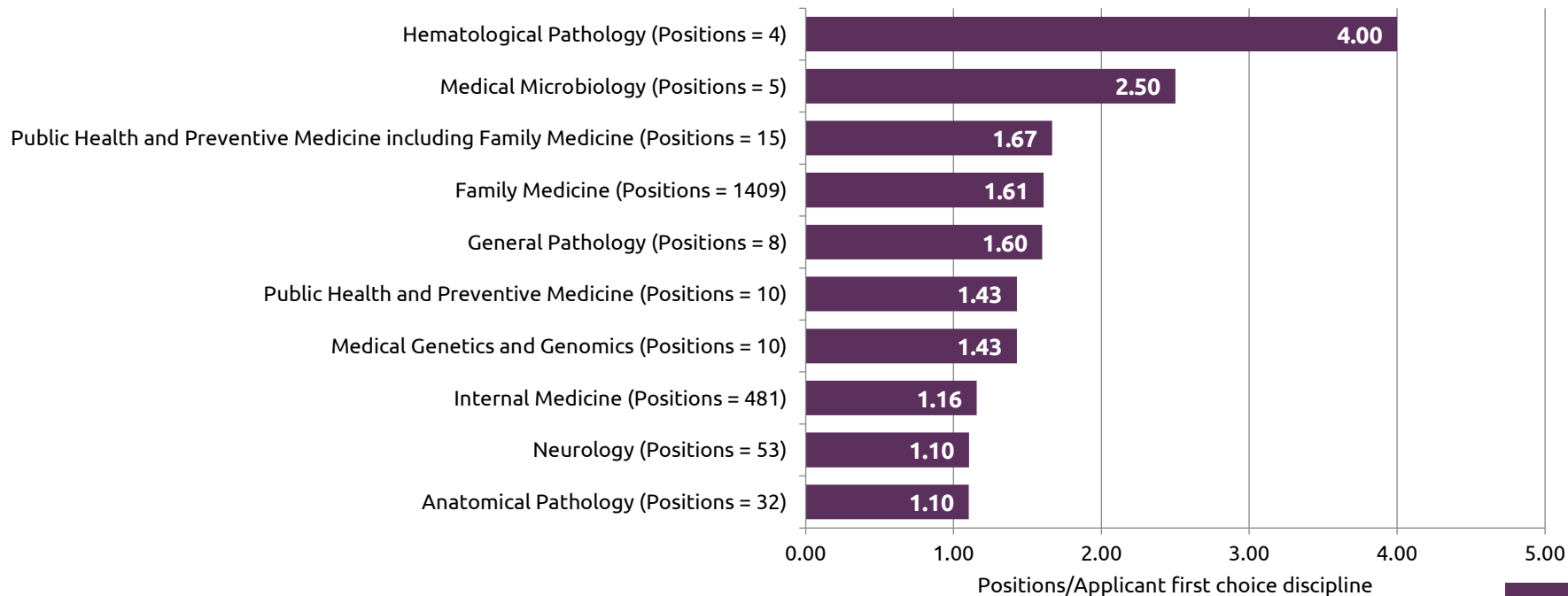
Supply and demand ratio: CMG quota for non-surgical disciplines



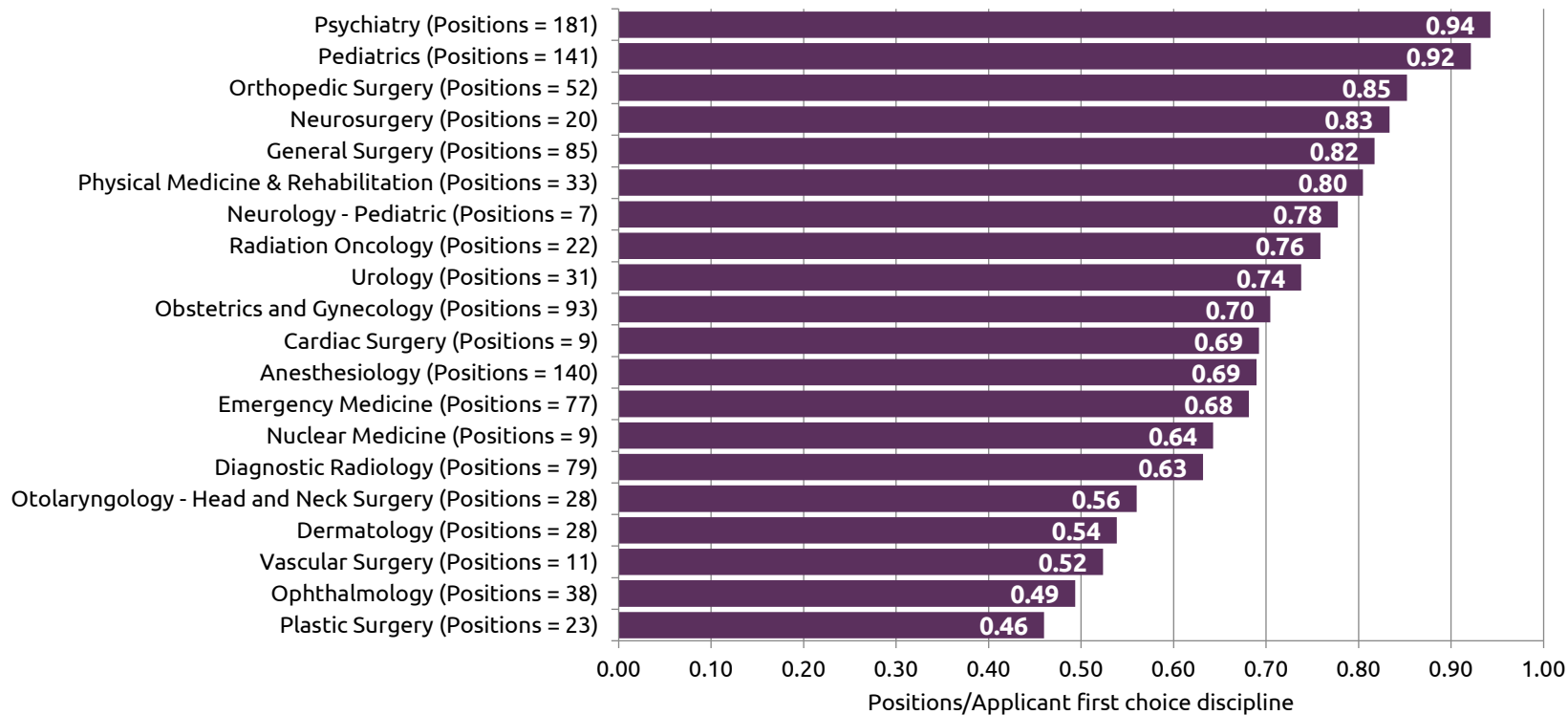
CMG first choice interest by supply and demand categorization of first choice discipline



2023 CMG first choice discipline compared to availability (supply \geq demand)



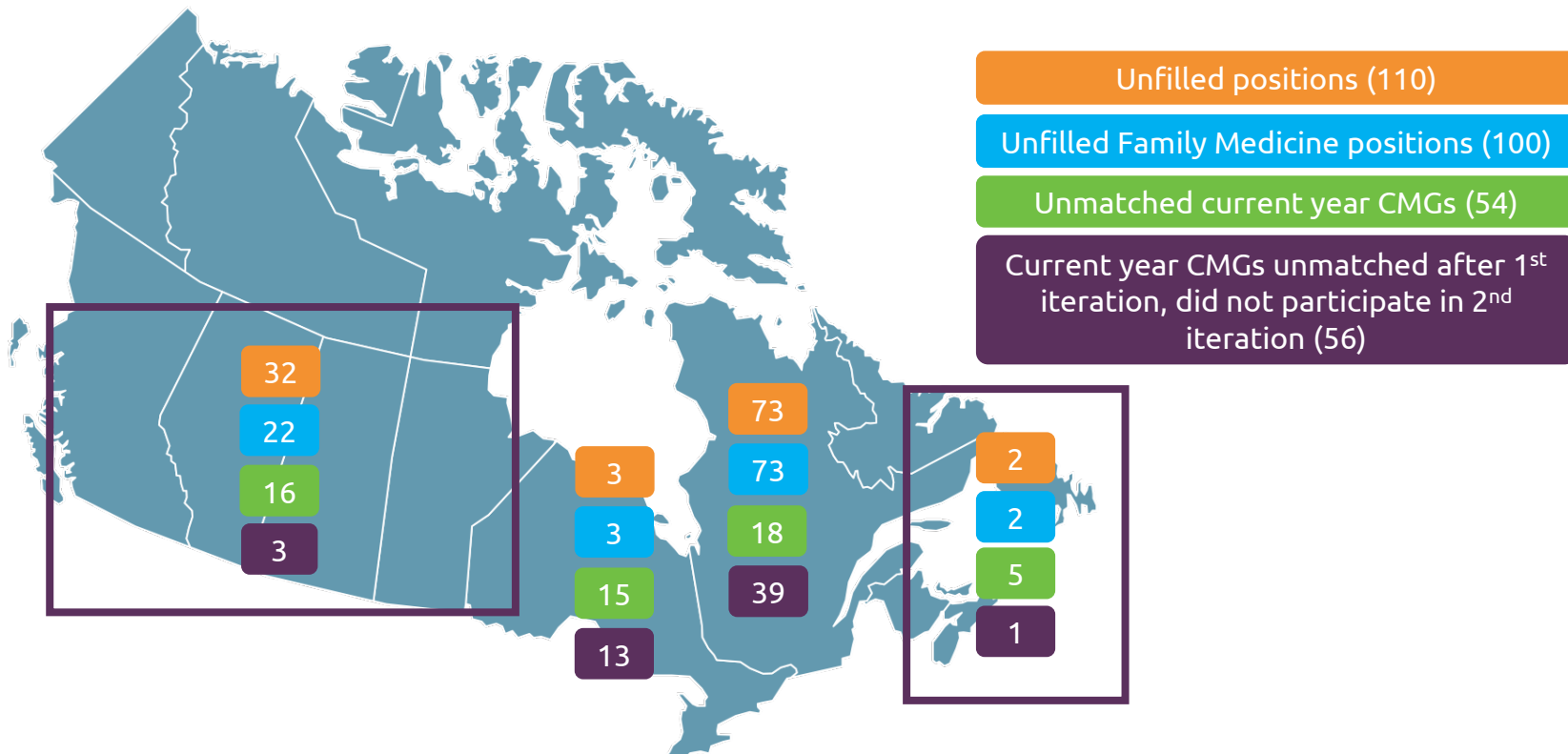
2023 CMG first choice discipline compared to availability (supply < demand)



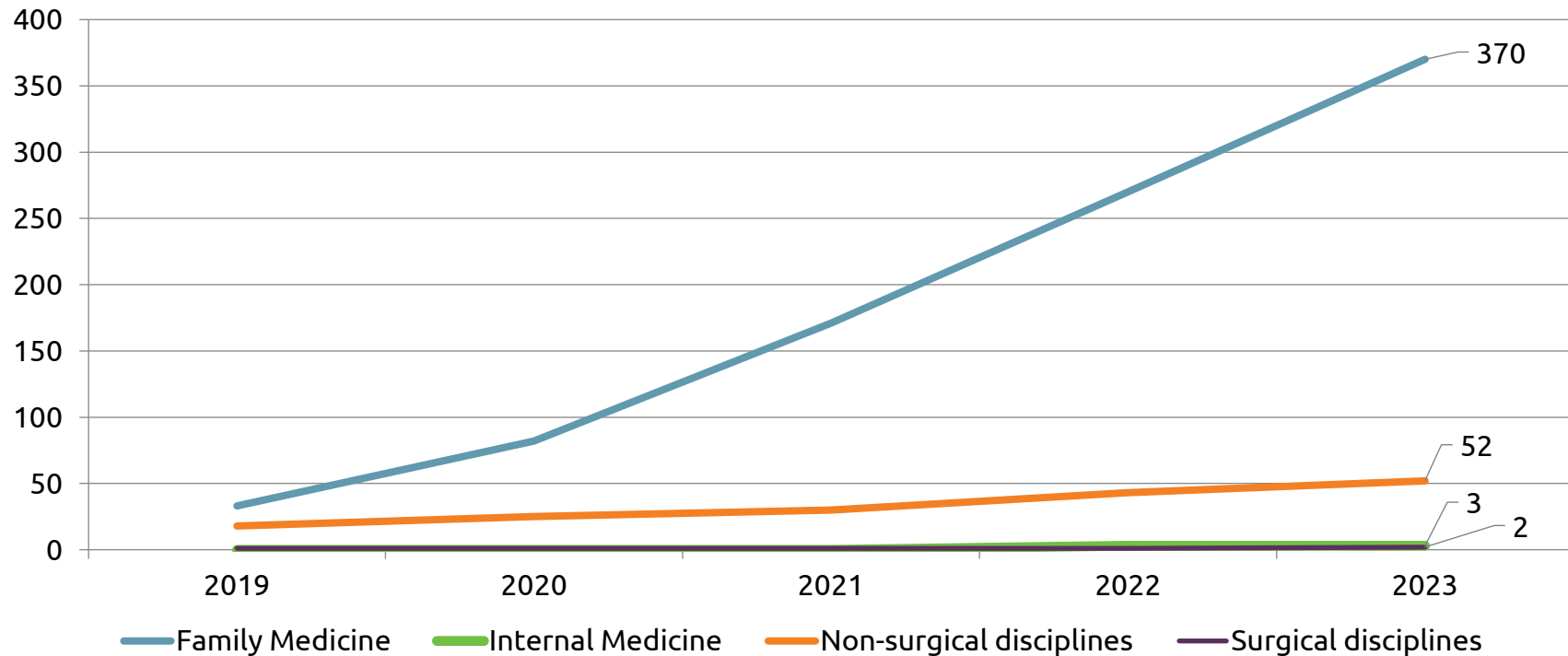


Second iteration results

Unfilled positions and CMGs not matched after second iteration, by region



Cumulative unfilled positions after second iteration, by discipline group (2019 – 2023)



2023 unfilled positions by discipline

Discipline	After 1 st iteration	After 2 nd iteration	Discipline	After 1 st iteration	After 2 nd iteration
Anatomical Pathology	4	0	Neurology - Pediatric	1	0
Anesthesiology	3	0	Neuropathology	2	2
Dermatology	1	0	Otolaryngology - Head and Neck Surgery	1	1
Family Medicine	268	100	Pediatrics	3	0
Family Medicine integrated Clinician Scholar	1	0	Physical Medicine and Rehabilitation	1	0
General Pathology	2	0	Psychiatry	23	2
General Surgery	1	0	Public Health and Preventive Medicine	1	0
Hematological Pathology	2	1	Public Health and Preventive Medicine including Family Medicine	6	2
Internal Medicine	21	0	Total	351	110
Medical Microbiology	3	2			
Neurology	7	0			