

REAP Rural Interest Award Evaluation 2014-2021

January 2022

By Mark Nash

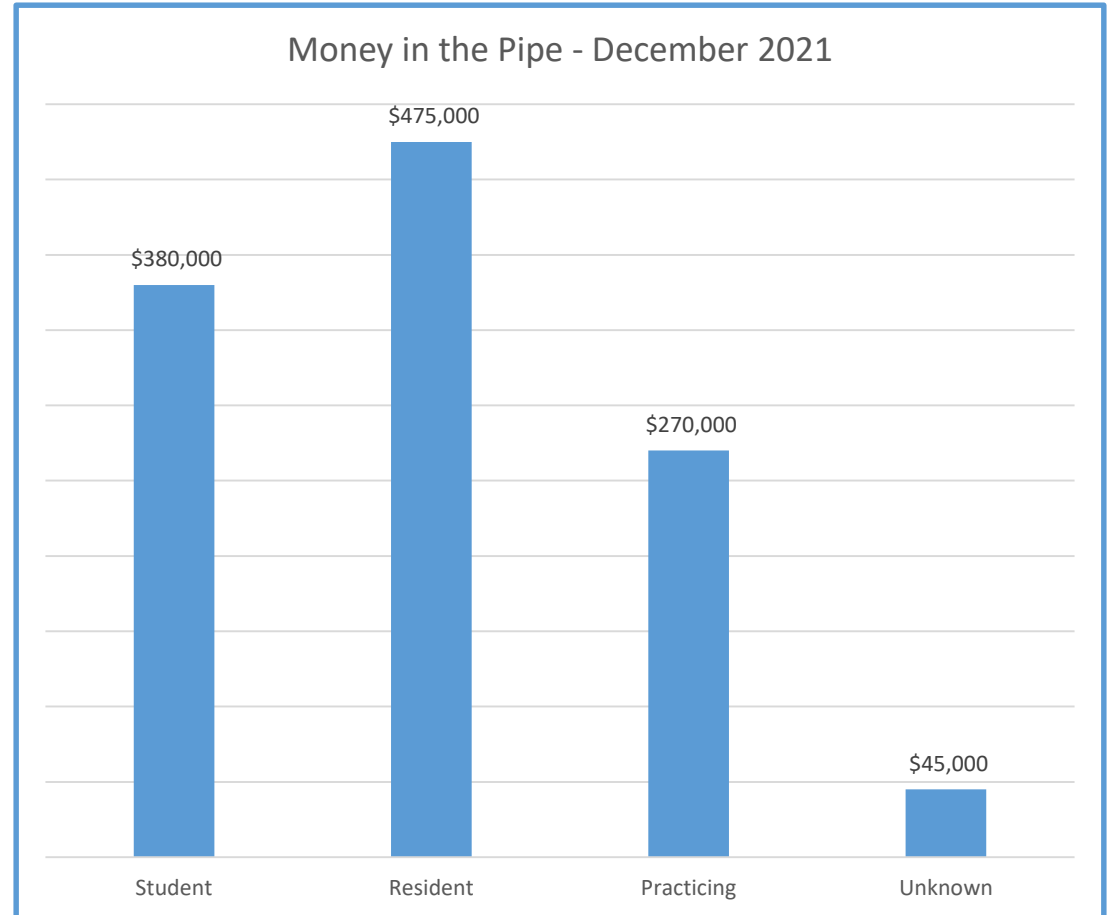
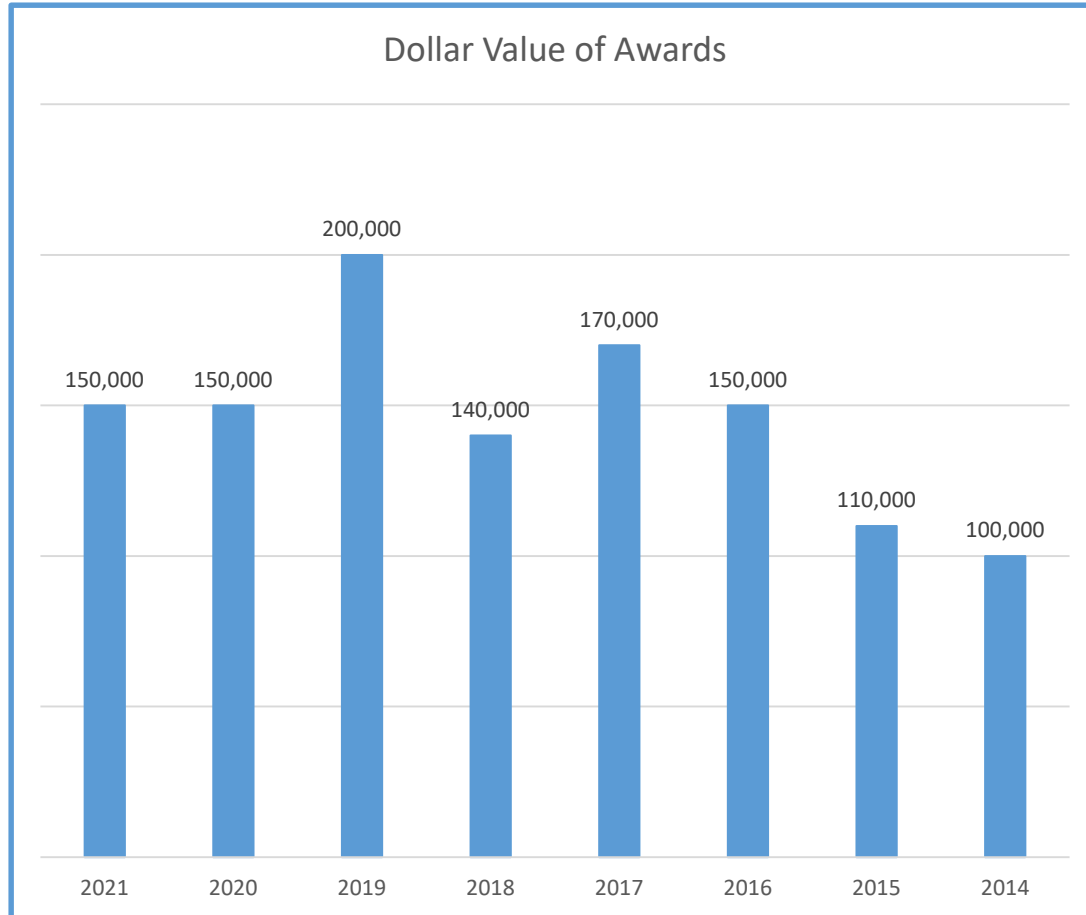
Rural Interest Award: To encourage and support medical students with strong rural connections to enter rural practice through the provision of additional financial support during their years of training. Also, to allow ongoing contact with them as they progress through their training which will also encourage eventual rural recruitment.

- 2014 was the first year awards were granted.
- \$5,000 is the value of each award.
- 30 awards available each year.

Awards can be applied for at 3 points during medical school:

1. Admittance to medical school.
2. Completion of 3rd Year Rural Family Practice Clerkship or 3rd Year Integrated Community Clerkship.
3. Completion of a minimum 4-week 4th Year Rural Elective in an RSA community.

When was the money granted and where are the recipients now?



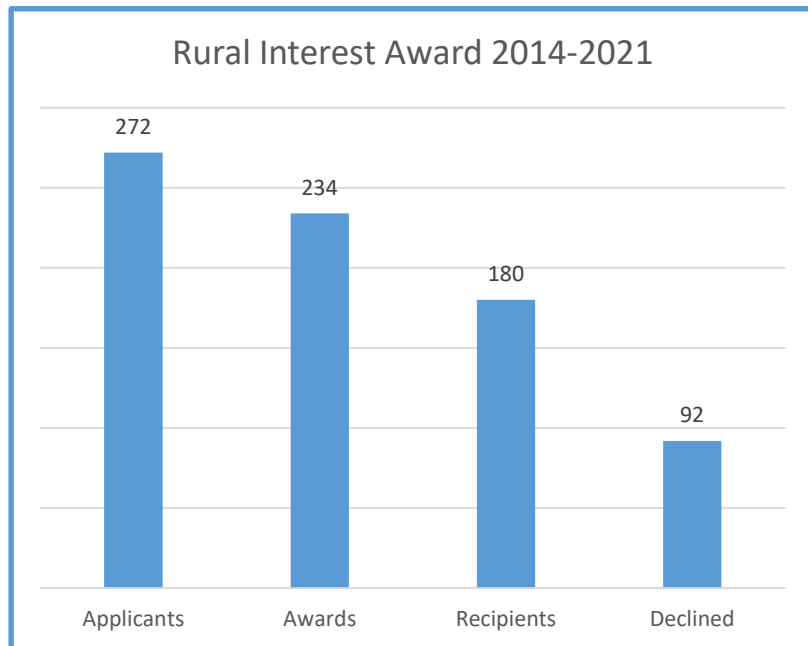
Definitions

Applicants – those who have applied for the award (whether or not they have received the award).

Recipients – those who received the award one or more times.

Awarded – the actual number of awards granted.

Declined – applicants not selected for the award.



2014-2021 by the numbers

Applications = 272

Awards = 234

Recipients = 180 (awarded 1x = 134, 2x = 38, 3x = 8)

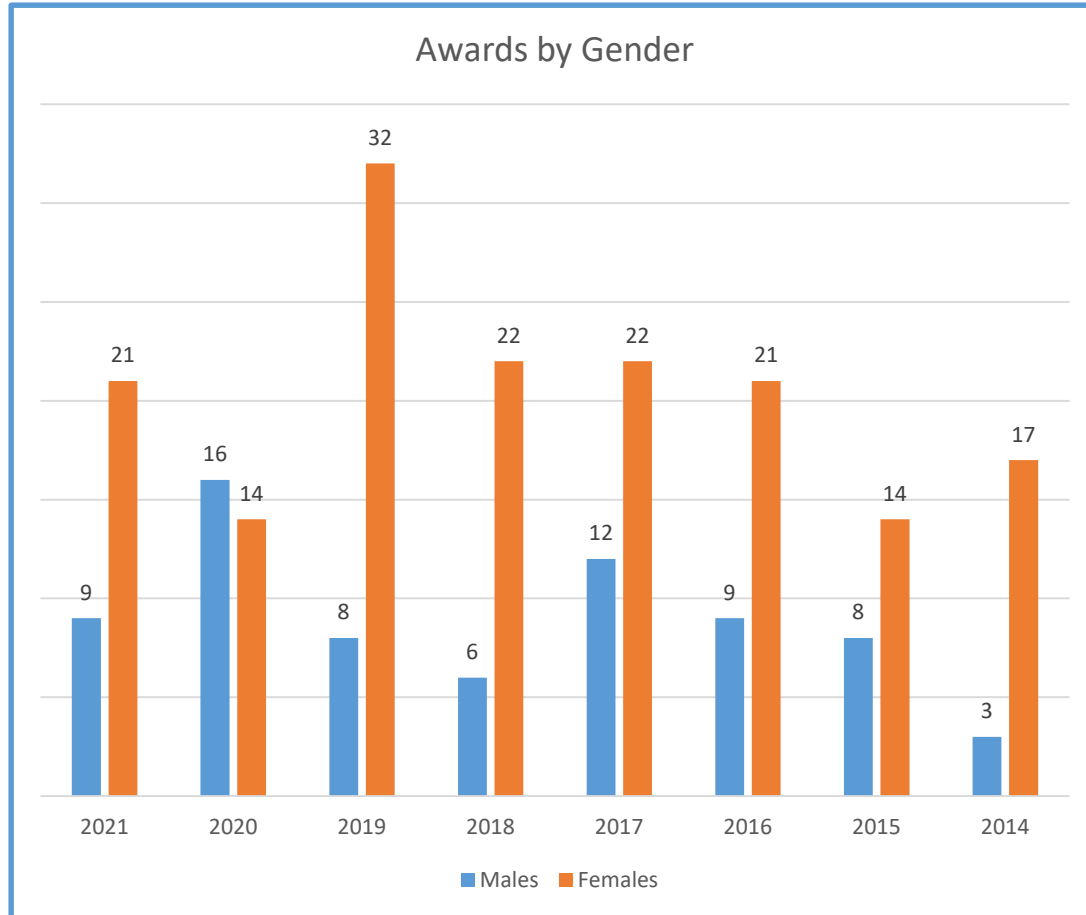
Disbursed \$1,170,000

Declined = 92 (8 of whom received this award another time)

Evaluation data and limitations.

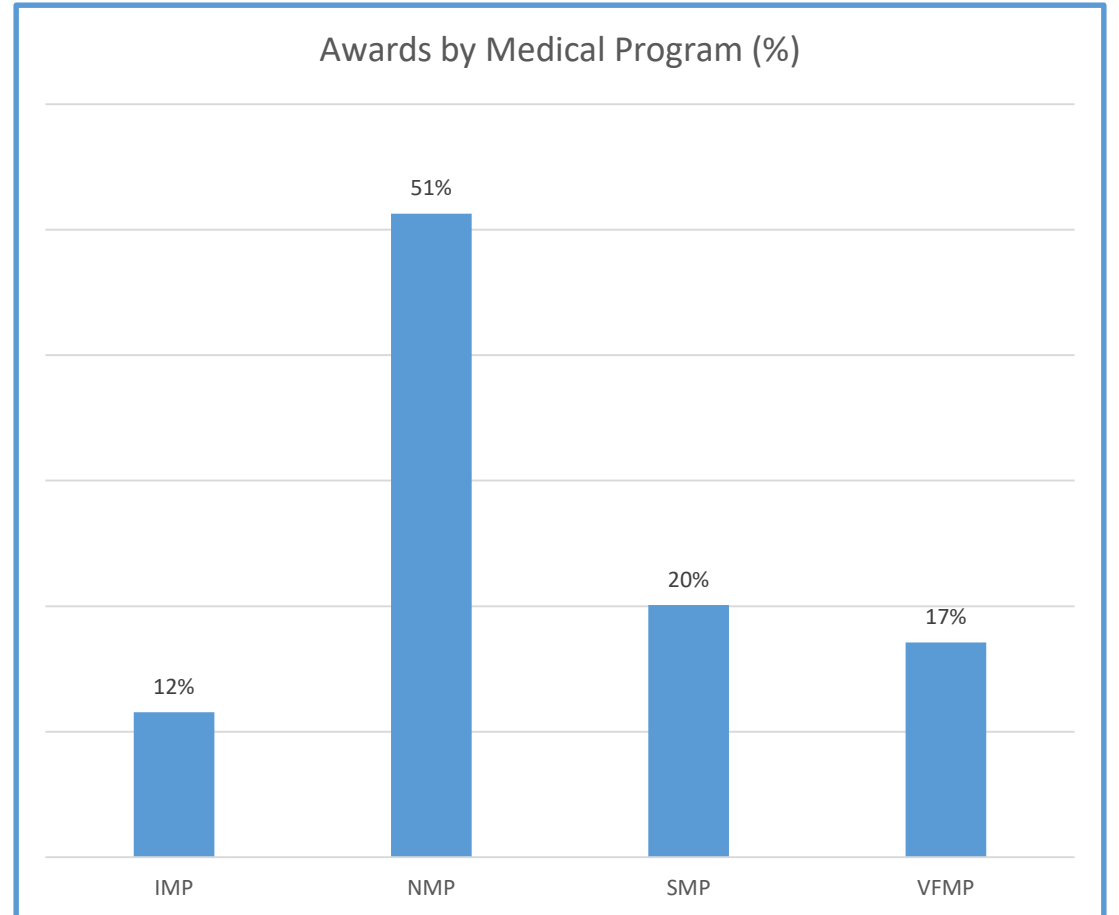
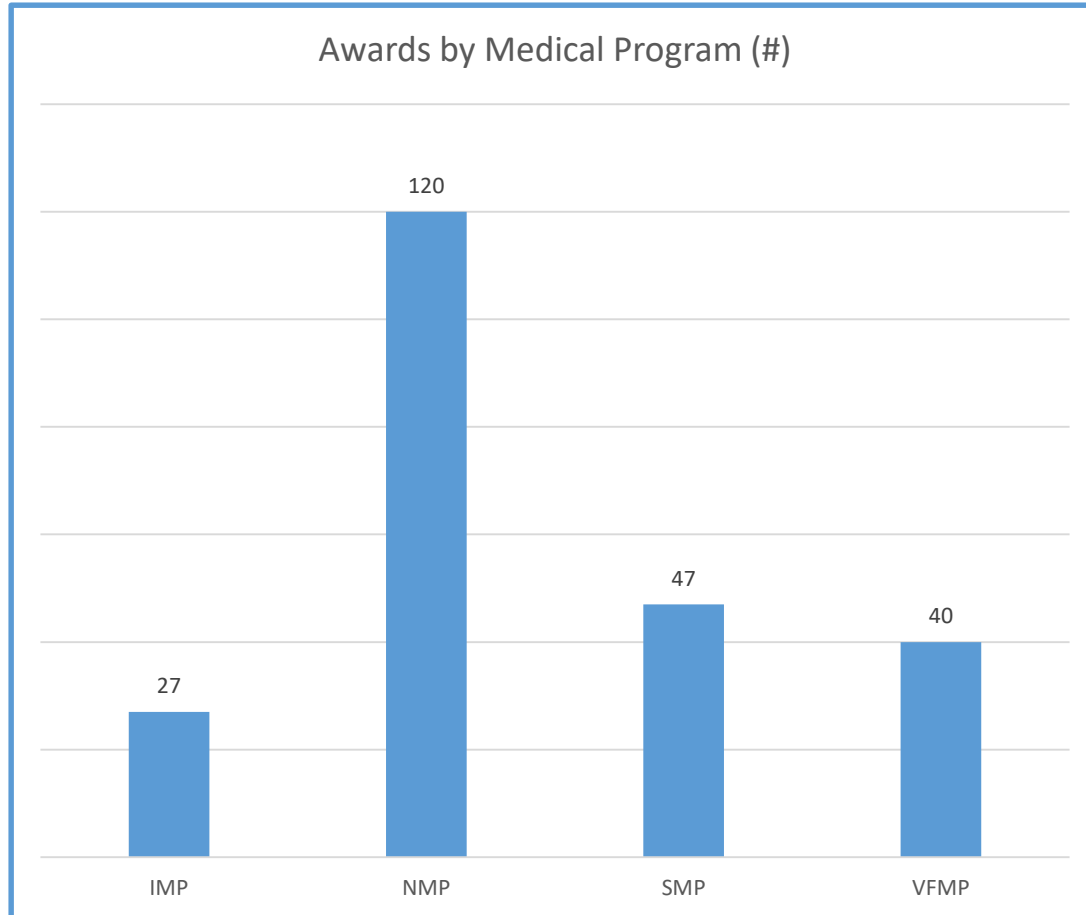
- All applicants, whether they received the award or not, are tracked annually. Resident locations, resident specialties and practice locations are recorded.
- Data are primarily obtained from provincial colleges of physicians and surgeons, supplemented with Google searches.
- The early results might be distorted because, of the 44 recipients in practice, 39 are CCFP's. Family Medicine residency is short. Rural physicians are primarily family physicians.
- There are currently 23 family medicine residents, 30 non-family medicine residents and 18 resident's specialty is currently unknown.
- It is too early to draw conclusions about the success of the program. The earliest recipients graduated medical school in 2014, having received the award in 4th Year, and completed FM residency in July 2016. Their careers have only just begun.

Rural Interest Award by recipient gender 2014-2021.

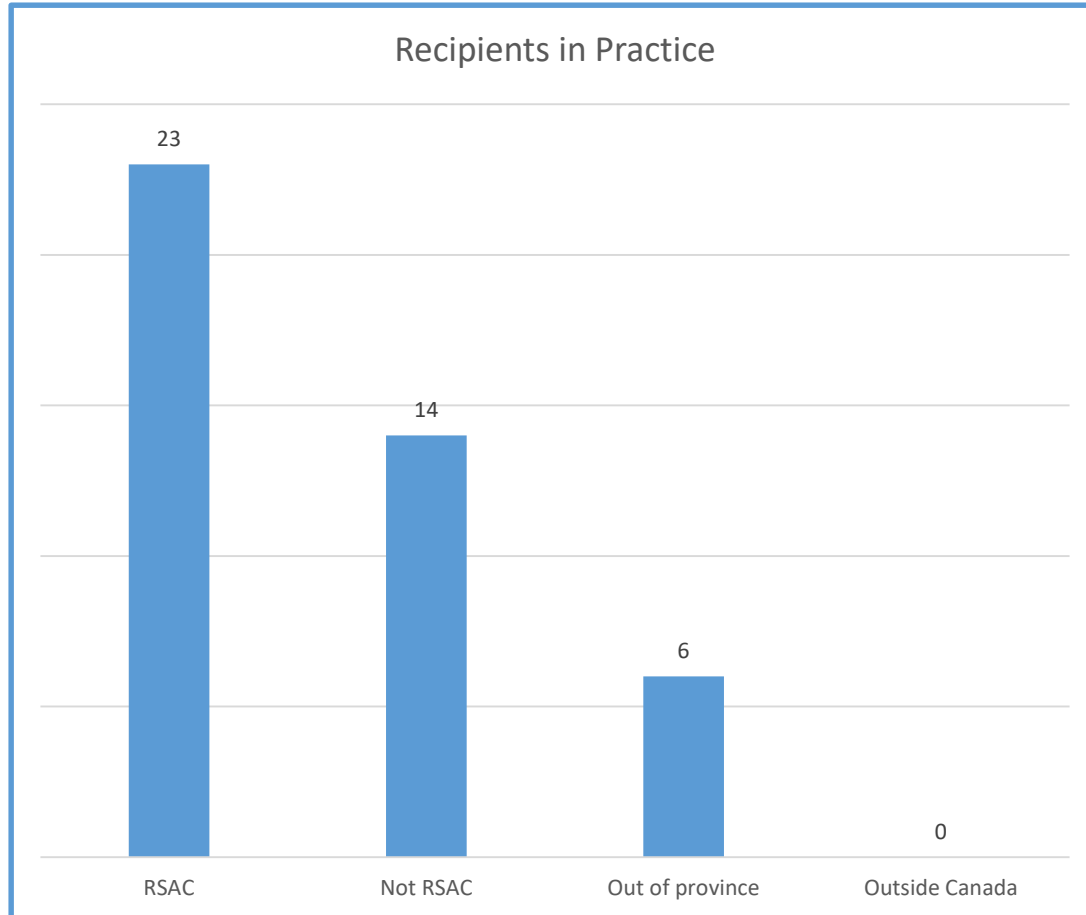


- 71% of awards were granted to females, 29% of awards were granted to males.
- 63% of declined applicants were female, 37% of declined applicants were male.
- UBC Medical School Classes 2012-2017 averaged 52% female and 48% male.
- CPSBC 2021 Medical Directory – for UBC MD's awarded 2008-2019 there were 299 RSAC physicians. Of these, 220 CCFP's (59% female, 41% male).
- CPSBC 2021 Medical Directory – for UBC MD's awarded 2008-2019, there were 79 RSAC physicians with RCPSC specialties (52% female, 48% male).
- Of those 299 RSAC physicians – 168 are female and 131 are male (56%/44%).

Rural Interest Awards by Medical Program 2014-2021.

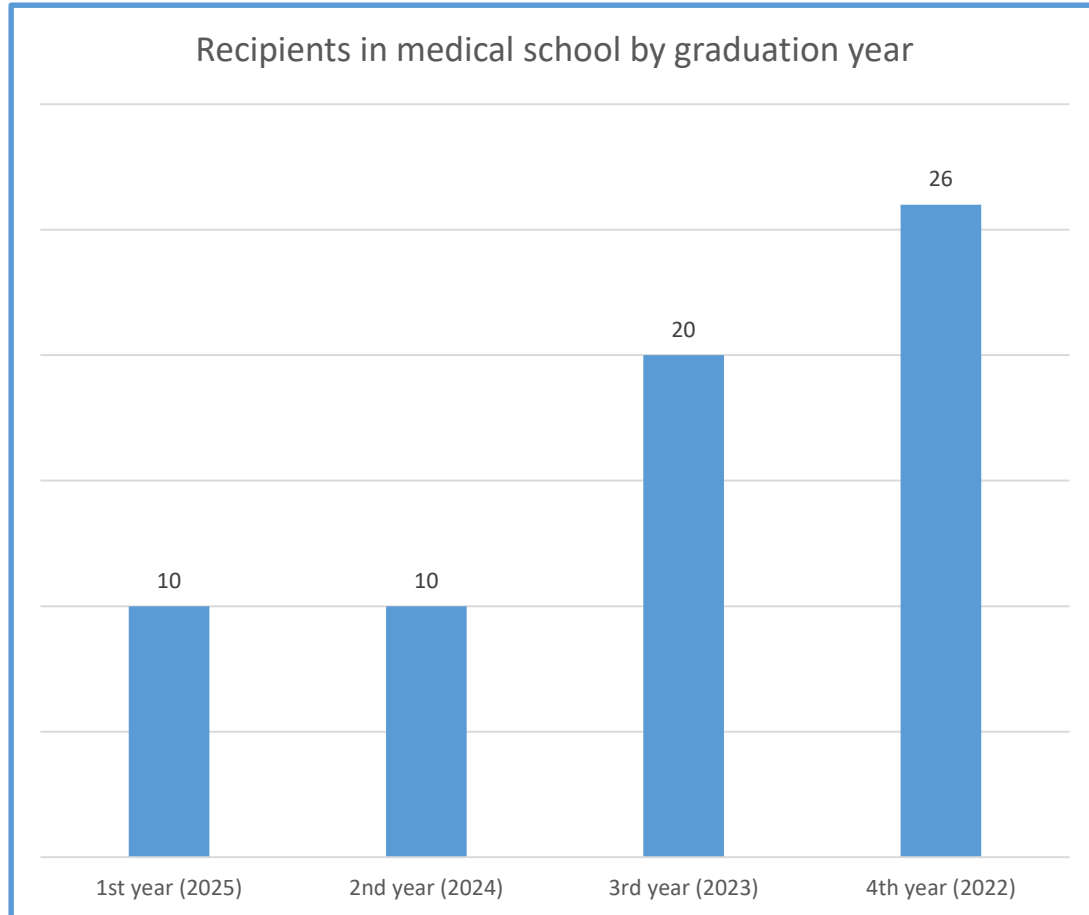


Rural Interest Award recipients in practice as of December 2021.



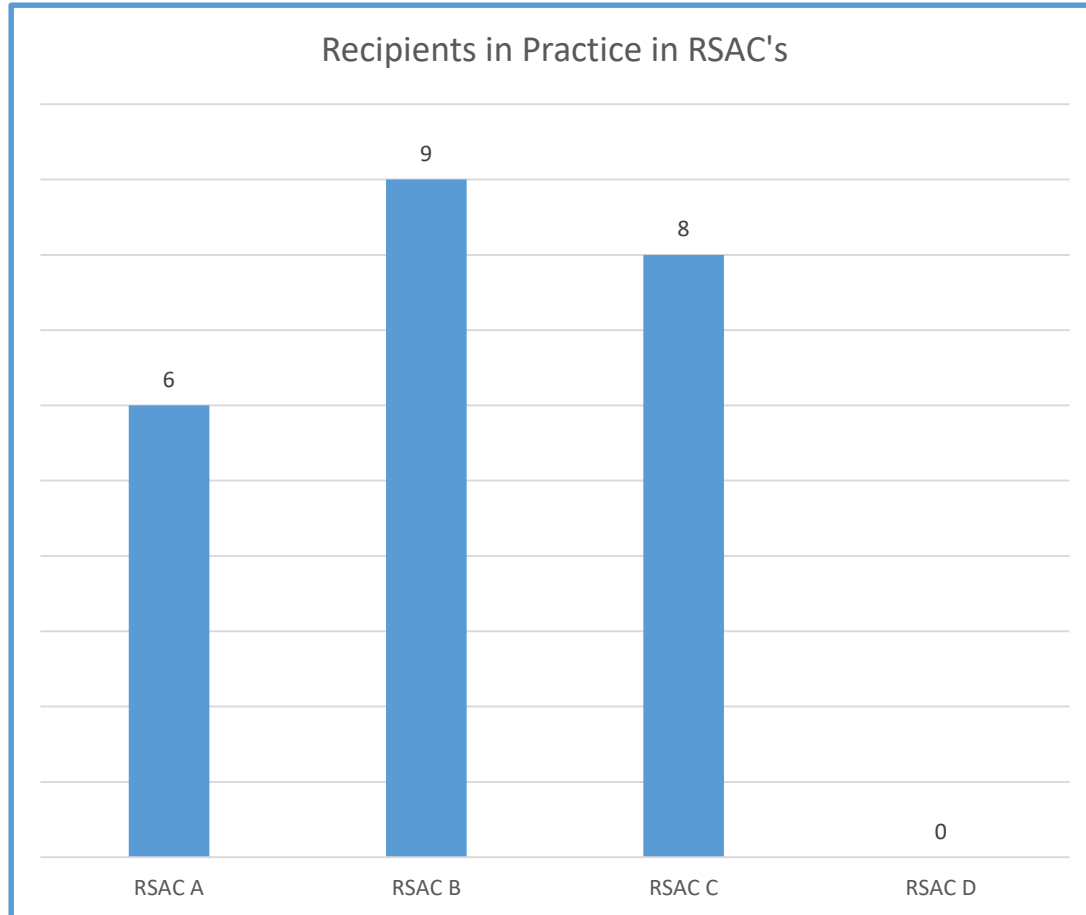
- 44 recipients in practice (29 female, 15 male)
- 39 are CCFP's (26 female, 13 male)
- 5 are RCPSC (3 female, 2 male)
- 23 practicing in RSAC's (16 female, 7 male)
- 14 practicing in non-RSAC's in BC (9 female, 5 male)
- 6 practicing out-of-province (3 females, 3 male)

Rural Interest Award recipients in medical school as of December 2021.



There are currently 66 Rural Interest Award recipients in medical school. They have collectively received 76 awards.

Rural Interest Award Recipients in Rural Subsidiary Agreement Communities as of December 2021.



The 23 recipients practicing in RSAC's are distributed roughly evenly amongst the RSAC A-C categories.

Gender breakdown

70% female

30% male

Medical program breakdown

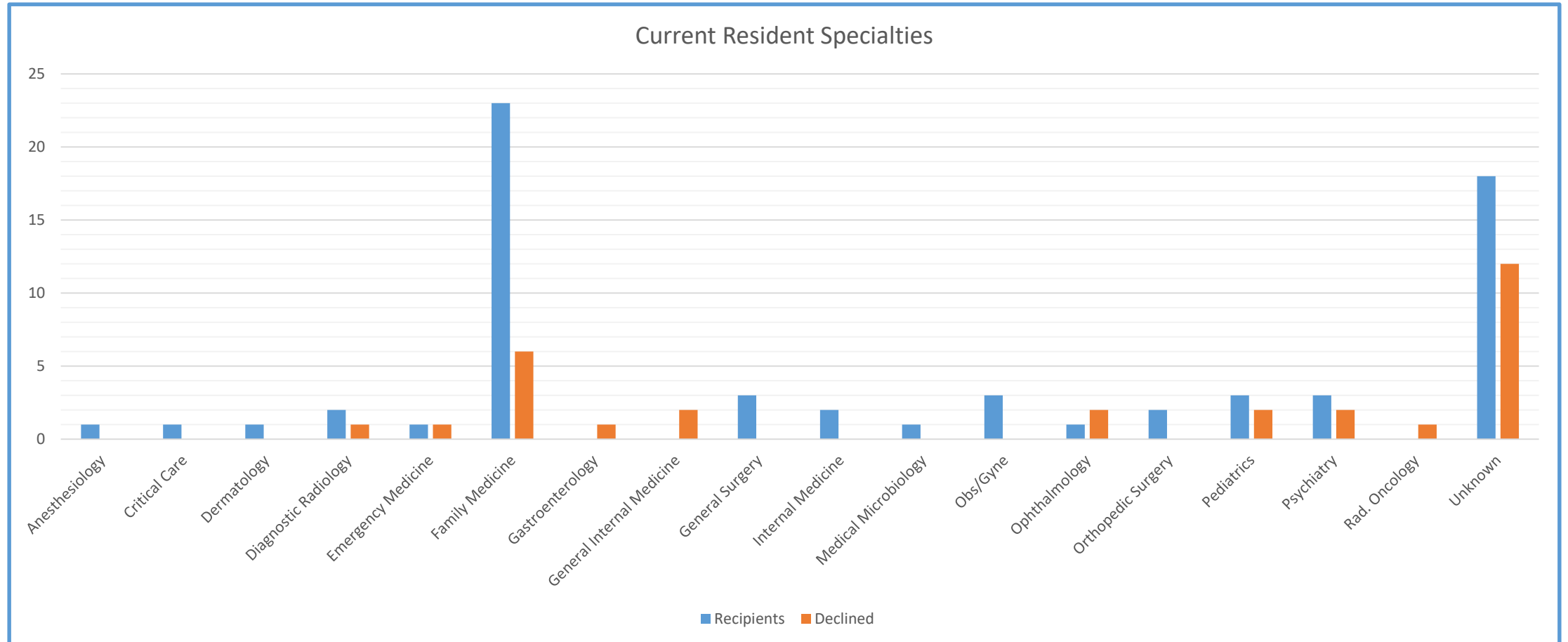
IMP = 5

NMP = 11

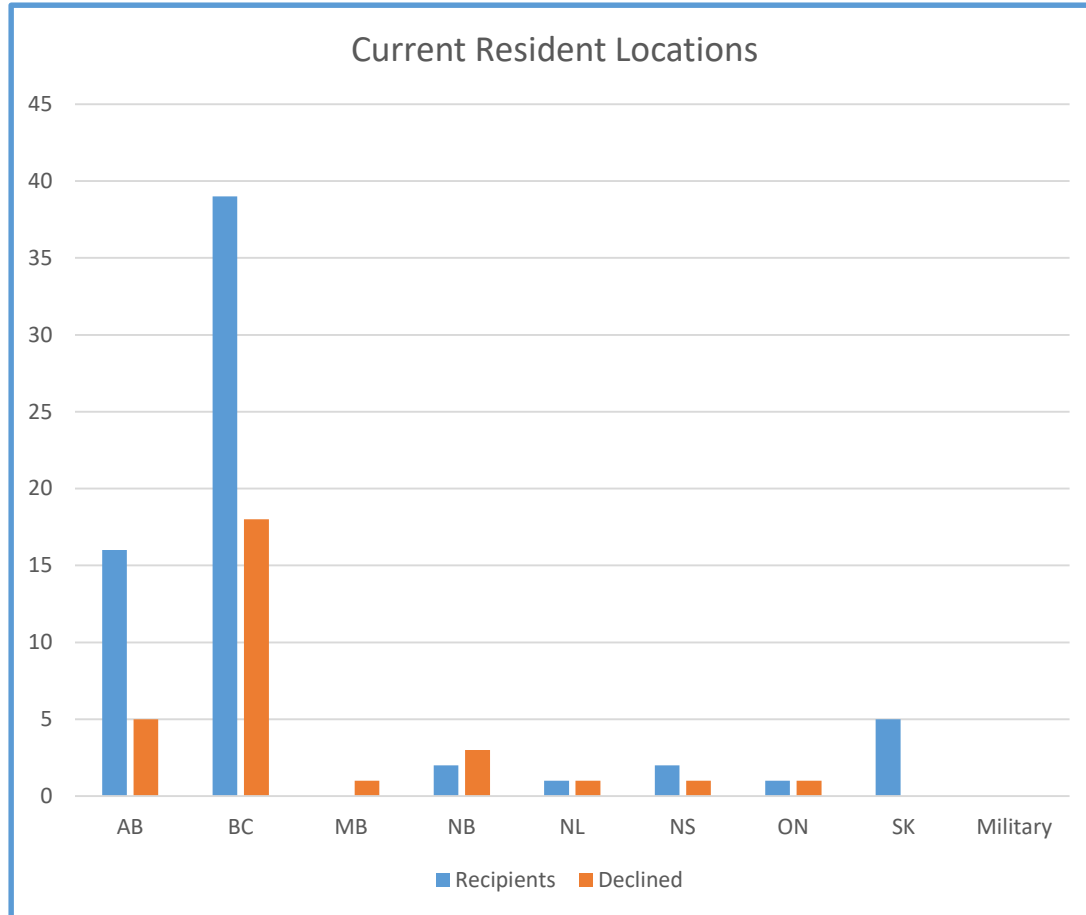
SMP = 2

VFMP = 5

What are the specialties of those currently in residency?

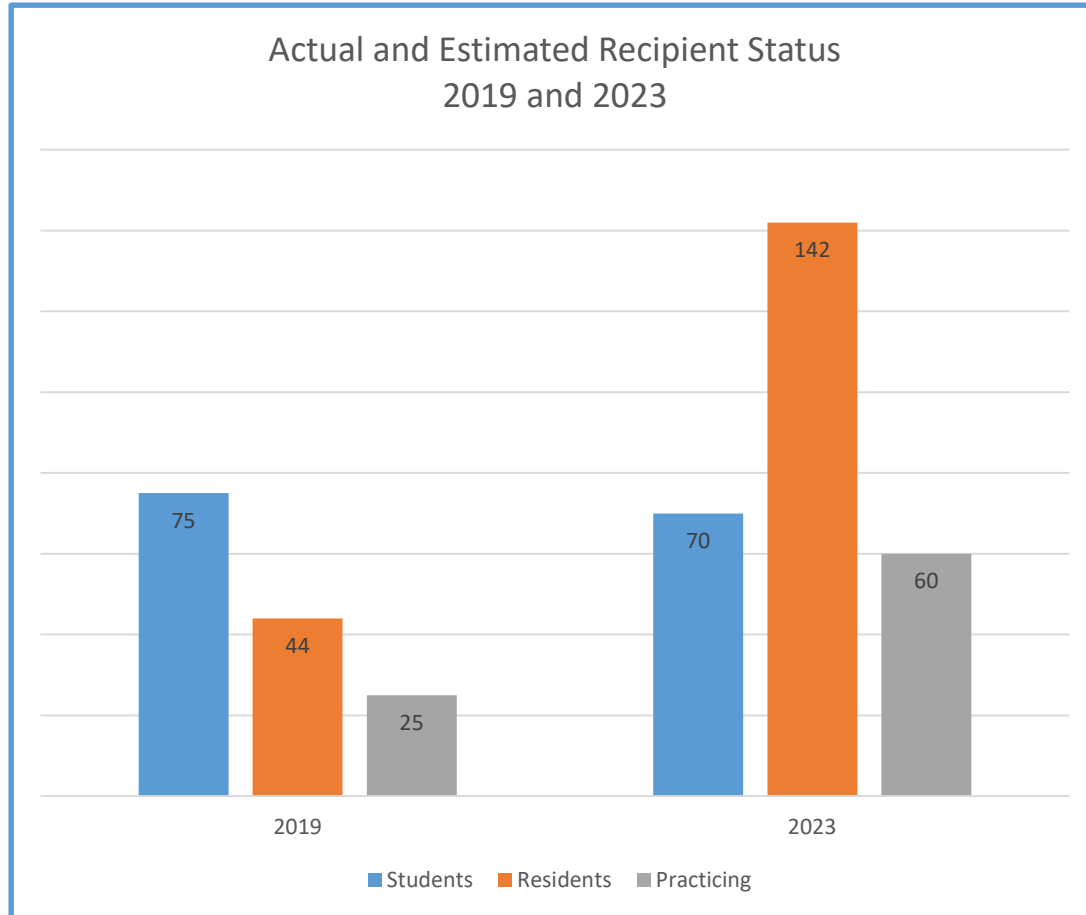


Geographic distribution of those currently in residency.



- 66 recipients are currently residents
- 30 declined applicants are currently residents.
- 59% of recipients who are currently residents are in BC.
- 60% of declined applicants are currently residents are in BC.
- Combined, 59% of applicants currently in residency are in BC.

Recommended follow-up evaluation date December 2023.



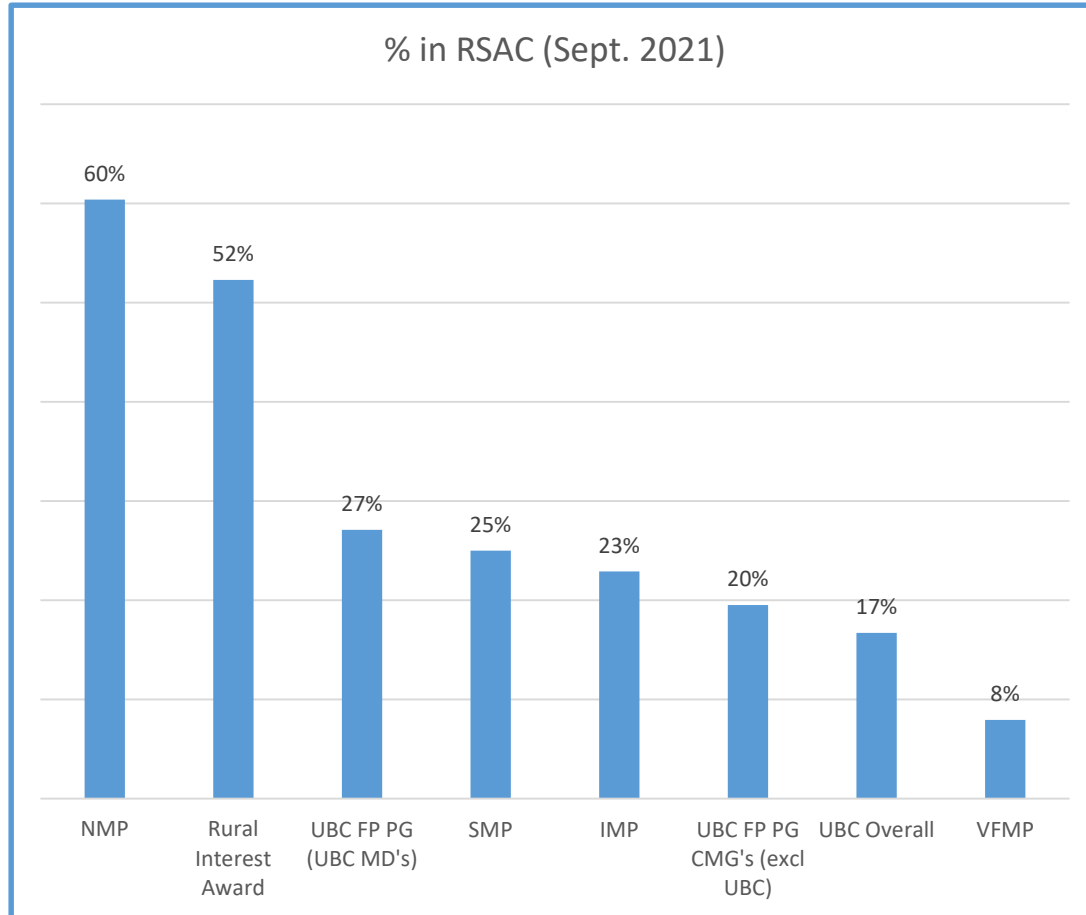
By 2023 an estimated:

142 (52%) of all recipients will be residents.

60 (22%) of all recipients will be in practice.

70 (26%) of recipients will be in medical school.

Comparative RSAC recruitment rates



Medical Program (IMP, NMP, SMP or VFMP) rates calculated on UBC MD's awarded 2008-2019 who practice in RSAC's in 2021, according to the CPSBC Medical Directory.

UBC FP PG rate calculated on UBC MD's awarded 2008-2019 who completed UBC Family Practice Residency and practice in RSAC's in 2021, according to the CPSBC Medical Directory.

UBC FP PG CMG's rate calculated on Canadian Medical School Graduates (excl. UBC) awarded 2008-2019 who completed UBC Family Practice Residency and practice in RSAC's in 2021, according to the CPSBC Medical Directory.

Rural Interest Award rate based on 23 RSAC physicians out of 44 physicians in practice.

Conclusions

- The Rural Interest Award 2021 success rate of 52% is based on the small number of award recipients who have thus far entered practice. Slight changes in small numbers can result in large changes in percentages.
- The disproportionate number of awards (51%) given to NMP applicants seems justified given the Northern Medical Program's success rate of 60% of graduates becoming RSAC physicians.
- 71% of awards have been granted to females. While this might seem high given the RSAC gender percentages in recent years, it might be appropriate given that many of these recipients won't begin to practice for several years and the percent of female RSAC physicians has been increasing steadily over the years. In 2005 female RSAC physicians were 27% of all RSAC physicians. In 2021 that percentage had increased to 42%. It is expected to reach 50% by 2030.