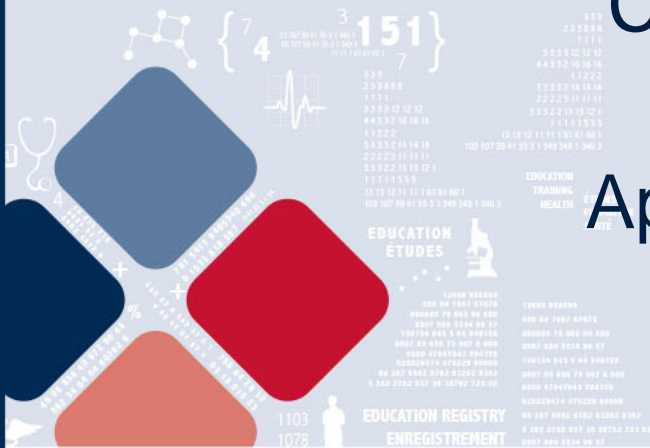


AFMC/CAPER Forum

Canadian Conference on
Medical Education

April 29, 2018 Halifax, NS





Outline

- What is CAPER? – partners, products
- What does CAPER data show?
- Interactive website tool
- Results of evaluation survey



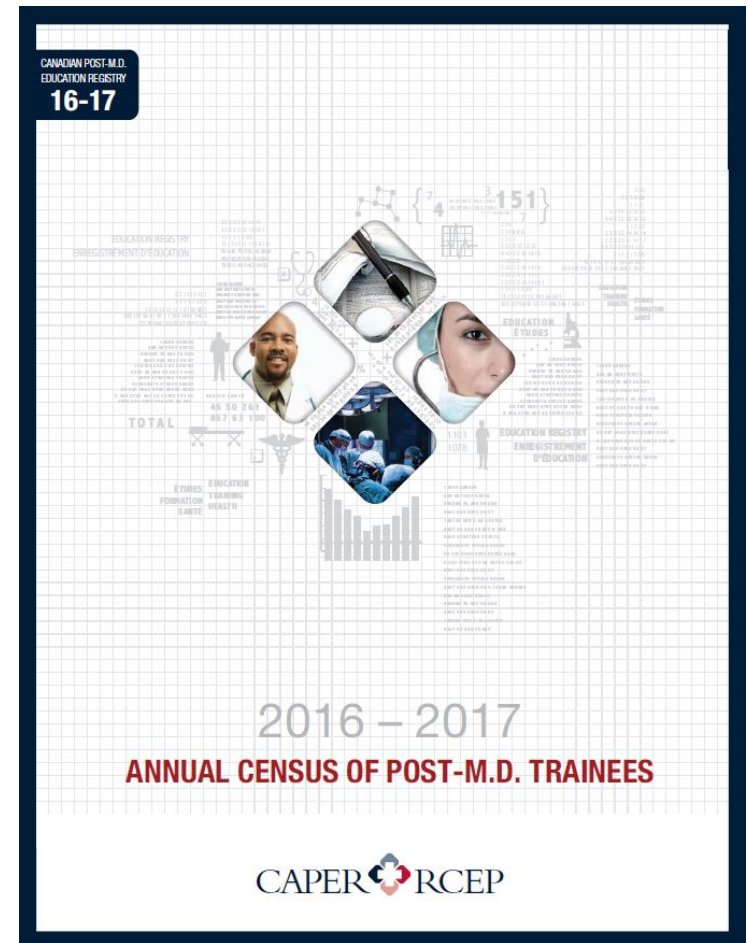
CAPER: Canadian Post-MD Education Registry

To be the definitive source of national longitudinal information and analysis on trainees within the Canadian postgraduate medical education system.

- Established in 1986
- Funded by national medical organizations, prov/terr and federal governments
- Directed by CAPER Committee with input from CAPER Advisory Group
- Housed at AFMC & staffed by AFMC employees

CAPER Annual Census

- Data across almost 30 years
- Legal status, age, gender, MD school, location of PGY 1 site
- Tracking into practice
- Provincial/specialty specific reports
- Some faculty specific reports
- Custom requests



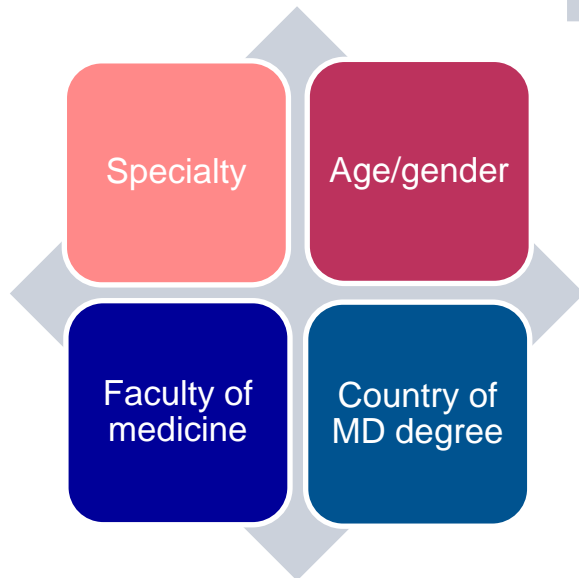
National IMG Database Report



- Assessment of IMGs - MCC data on exams passed.
- IMGs in postgraduate training – from core CAPER data
- IMGs in practice – MD Select
- IMG licences – FMRAC
- Cohort analyses – CIHR funded
- Custom requests

Longitudinal analyses possible with CAPER


← **Medical Information Number of Canada (MINC)** →



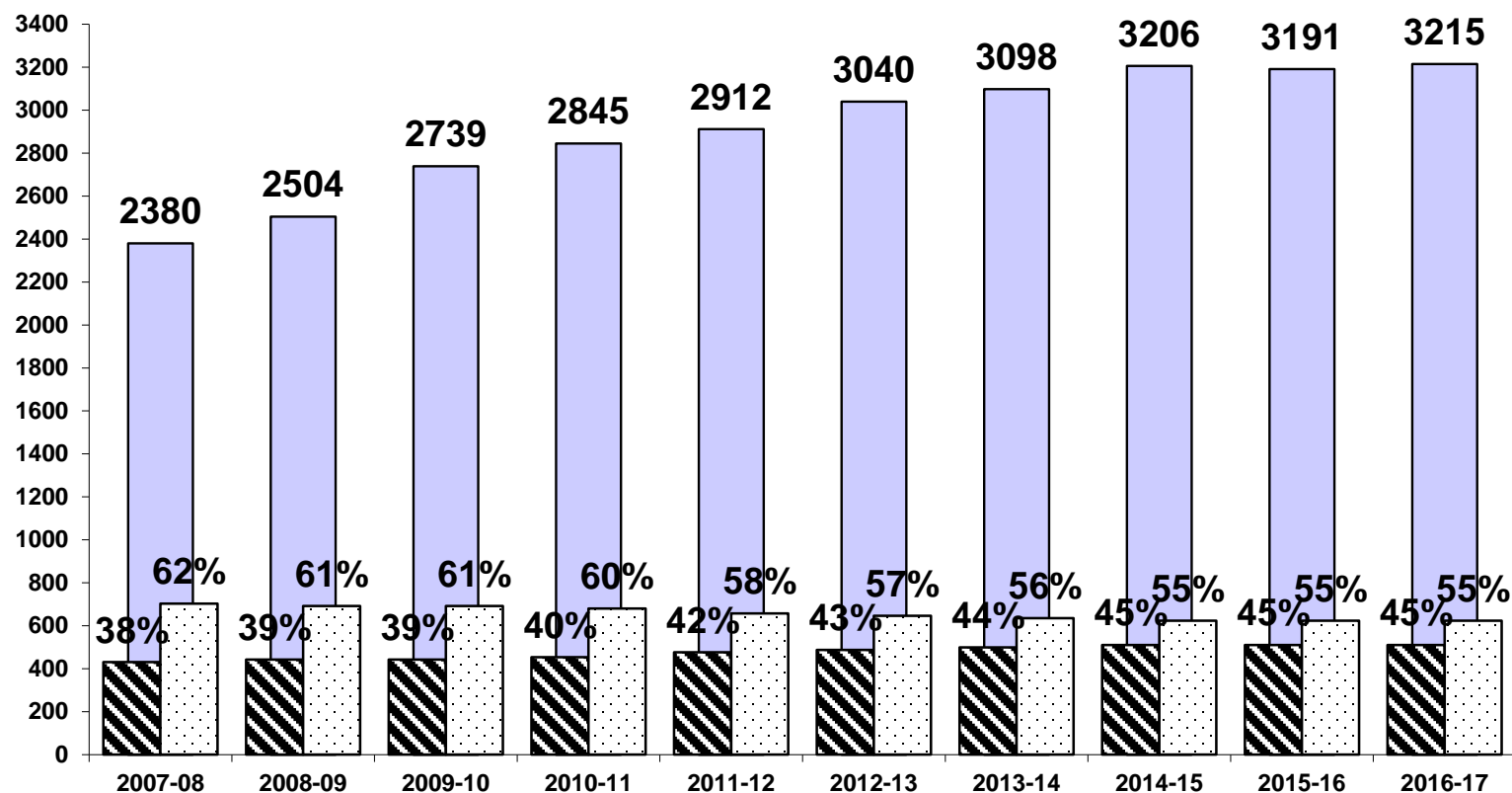
- Traditionally track 2, 5, 10, 15, 20 years out.
- Going forward, will track all years.



Dissemination/Knowledge transfer

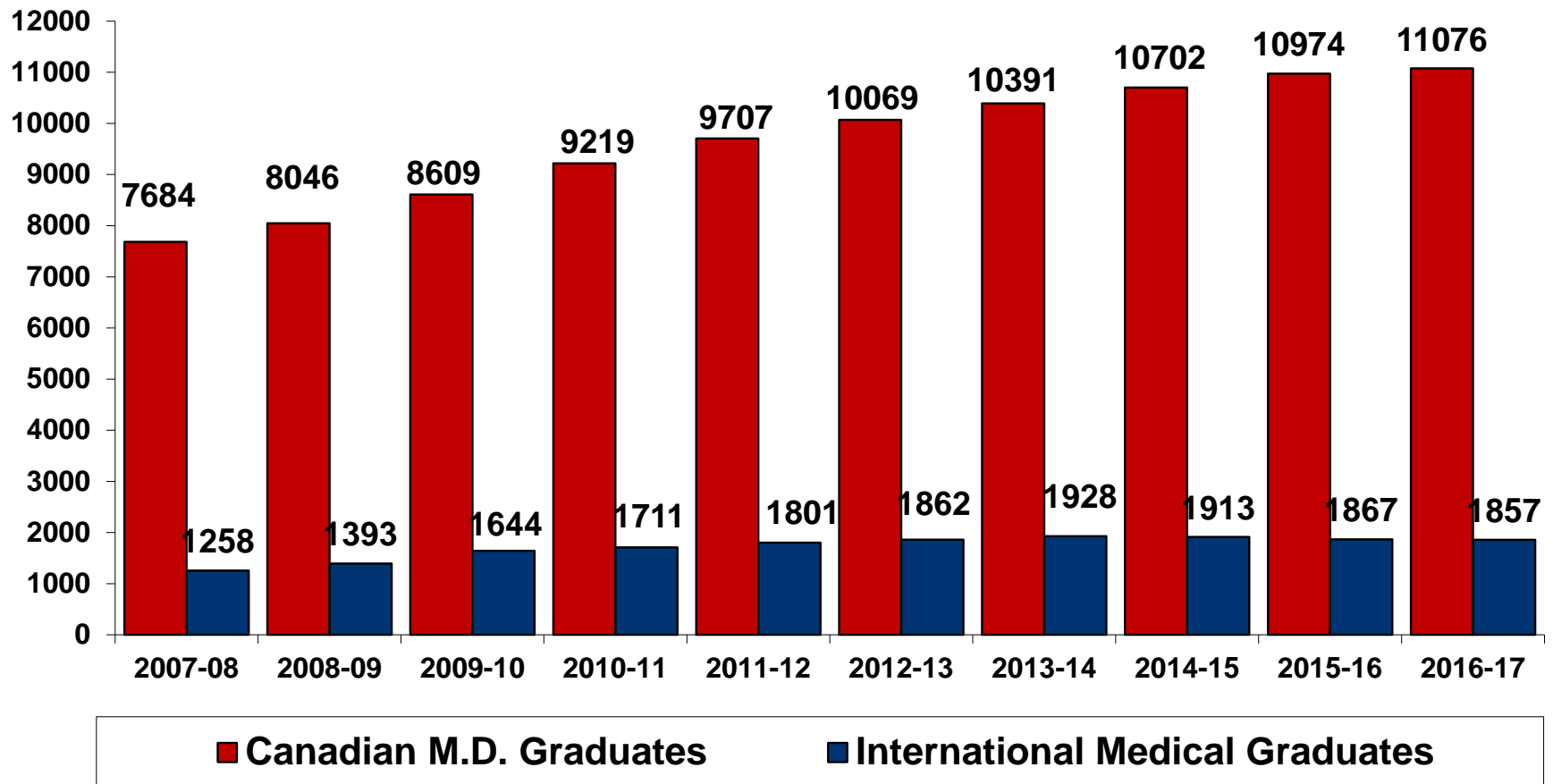
- CAPER Counts! – email to 1300 every month
- Fact Sheets
- Interactive maps
- Working papers (practice locations, gender)
- Presentations
- Booth at CCME, FMF, ICRE, CHWC
- Website – www.caper.ca
- Twitter  @capercanada

First year trainees excluding visa trainees



■ Total Number ■ % Family Medicine ■ % Medical, Surgical & Laboratory

Regular ministry funded trainees by location of M.D. degree



Data partnerships with other organizations



- **AFMC** – data from the faculties



- MOU with **CMA** - physician practice postal codes.



- **Medical Council of Canada** - assessment information for IMGs



- **FMRAC** - licences granted to IMGs by province/territory.

Data partnerships with other organizations



- **Health Canada** - J-1 Visa information



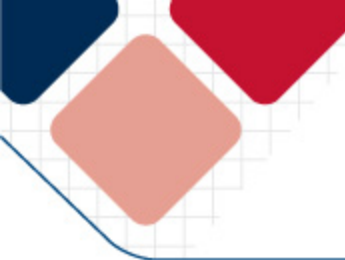
- Postal codes of training sites from **CaRMS**



- **Royal College** – certification data



- **CFPC** – certification data (pending)



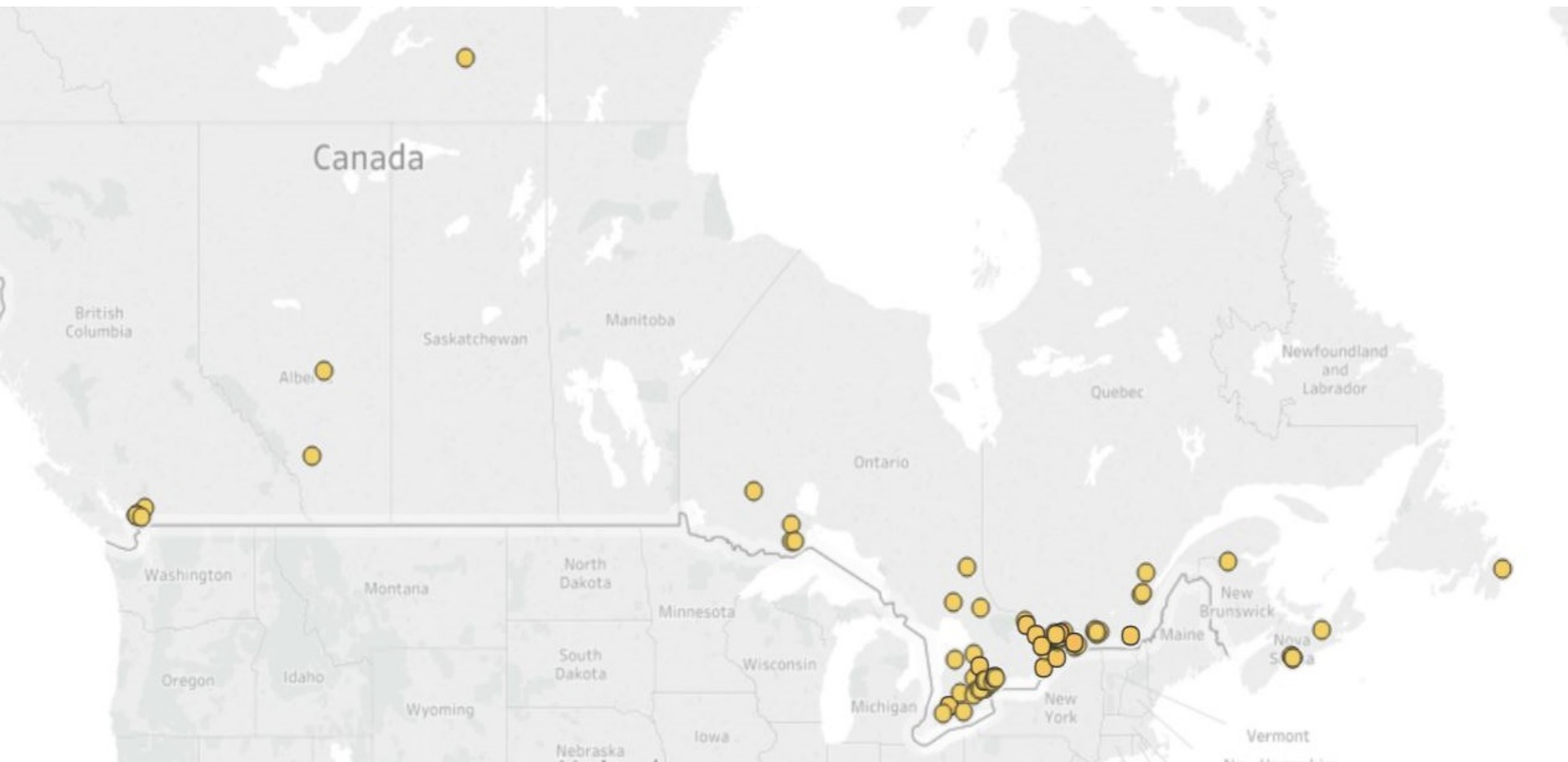
Interactive maps on practice locations following postgraduate training

<https://caper.ca/post-graduate-medical-education/exits-from-cdn-post-md-2014.htm>

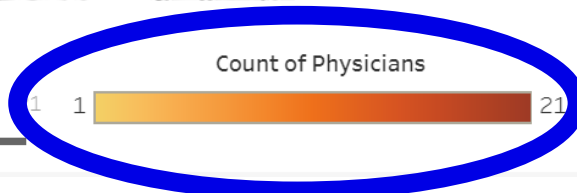
<https://caper.ca/post-graduate-medical-education/exits-from-cdn-post-md-2011.htm>

Choose a Faculty
University of Ottawa

Exits from Canadian Post-M.D. Training in 2011 Five Year Practice Location by Training Faculty

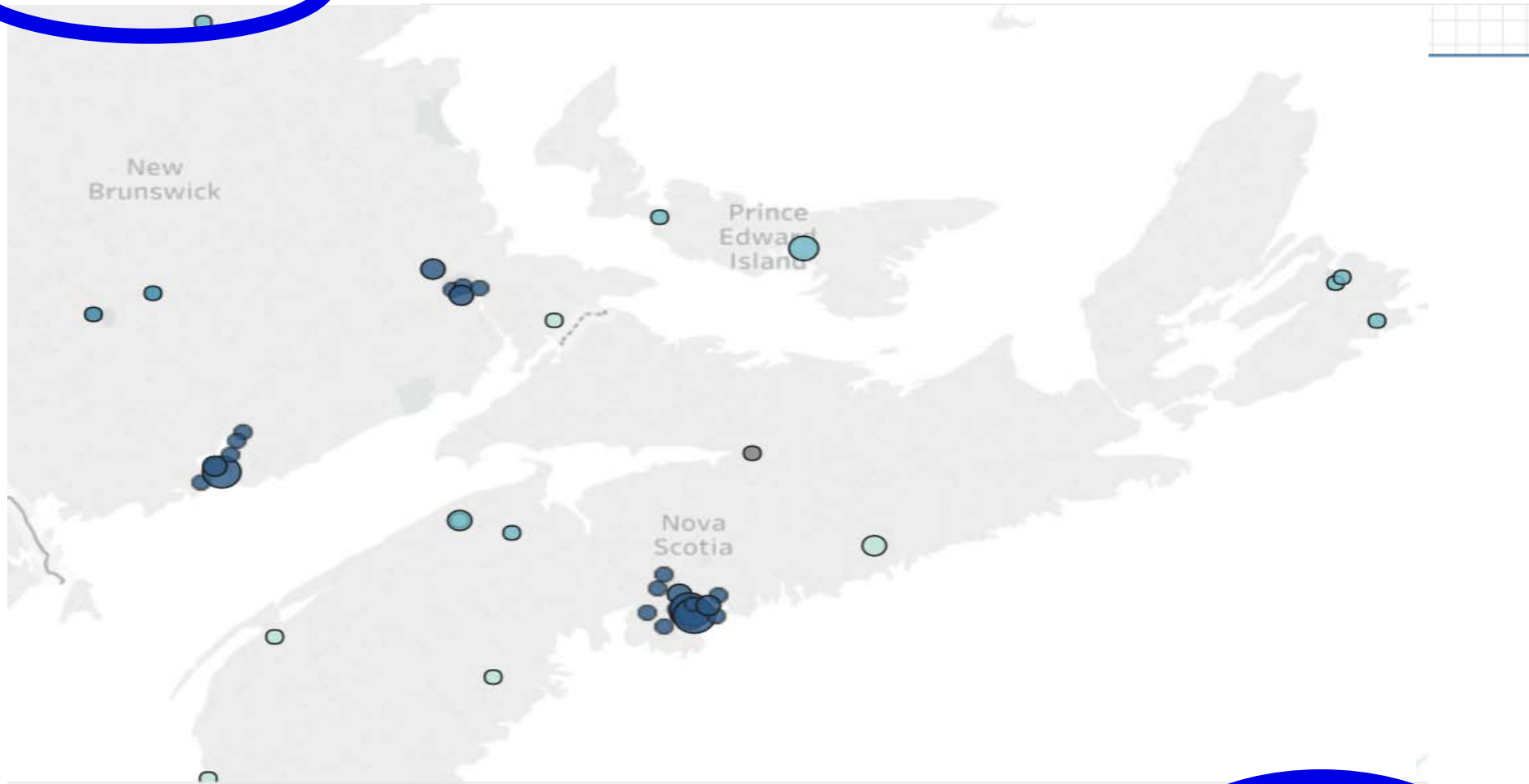


Filter by Physician Count

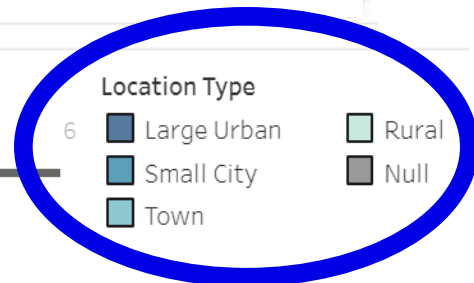


Exits from Canadian Post-M.D. Training in 2014 Two Year Practice Location in Canada by Training Faculty

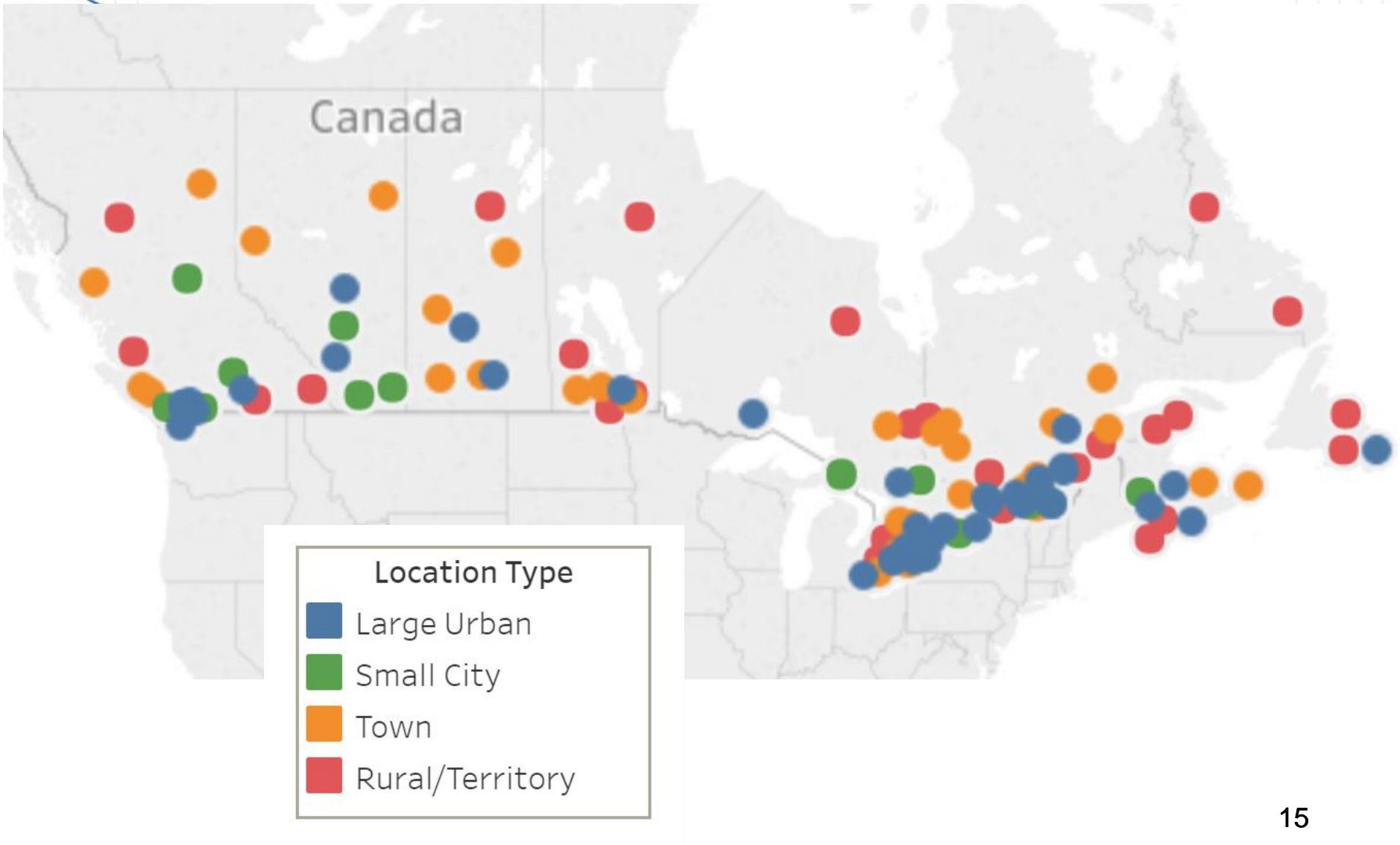
Choose A Faculty
Dalhousie University



Filter by Physician Count

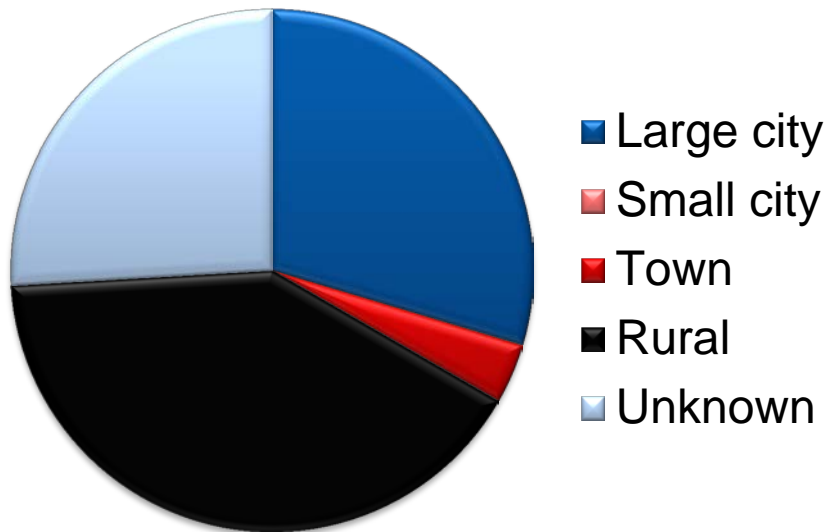


Post-M.D. Training Locations in Canada



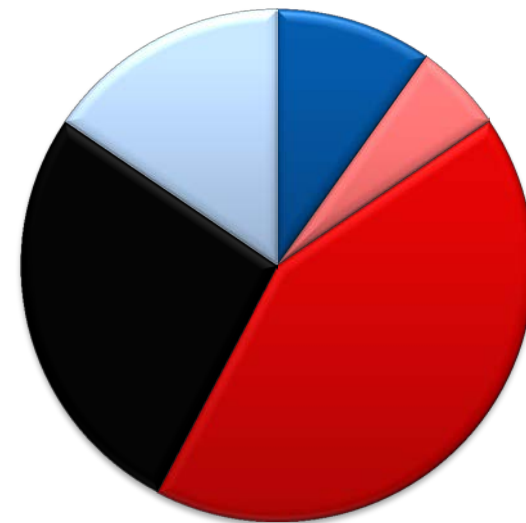
Three year practice location of **Family medicine** 2013 postgrad exit cohort

Rural training program
(based on postal code of program)



N=27

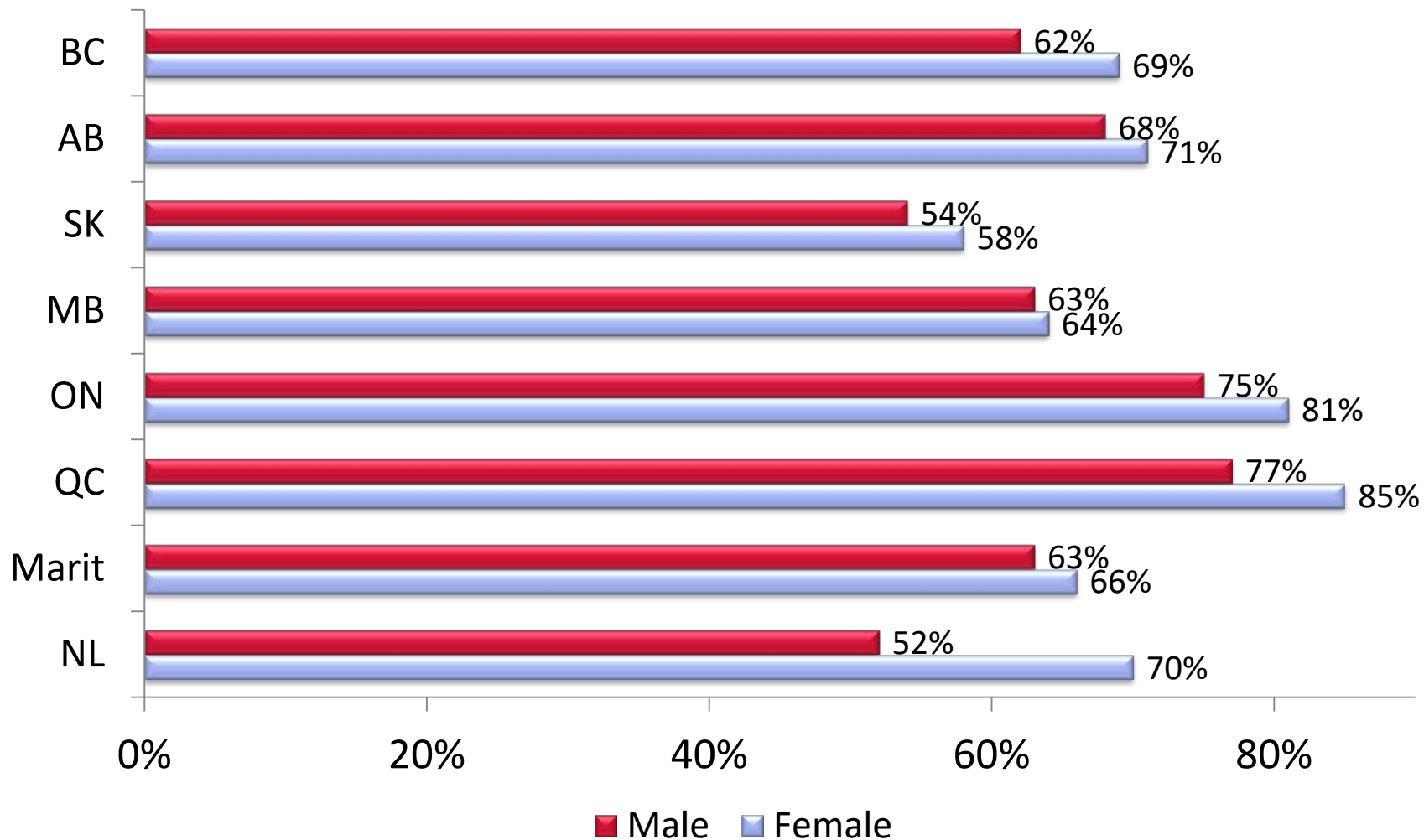
Town training program
(based on postal code of program)



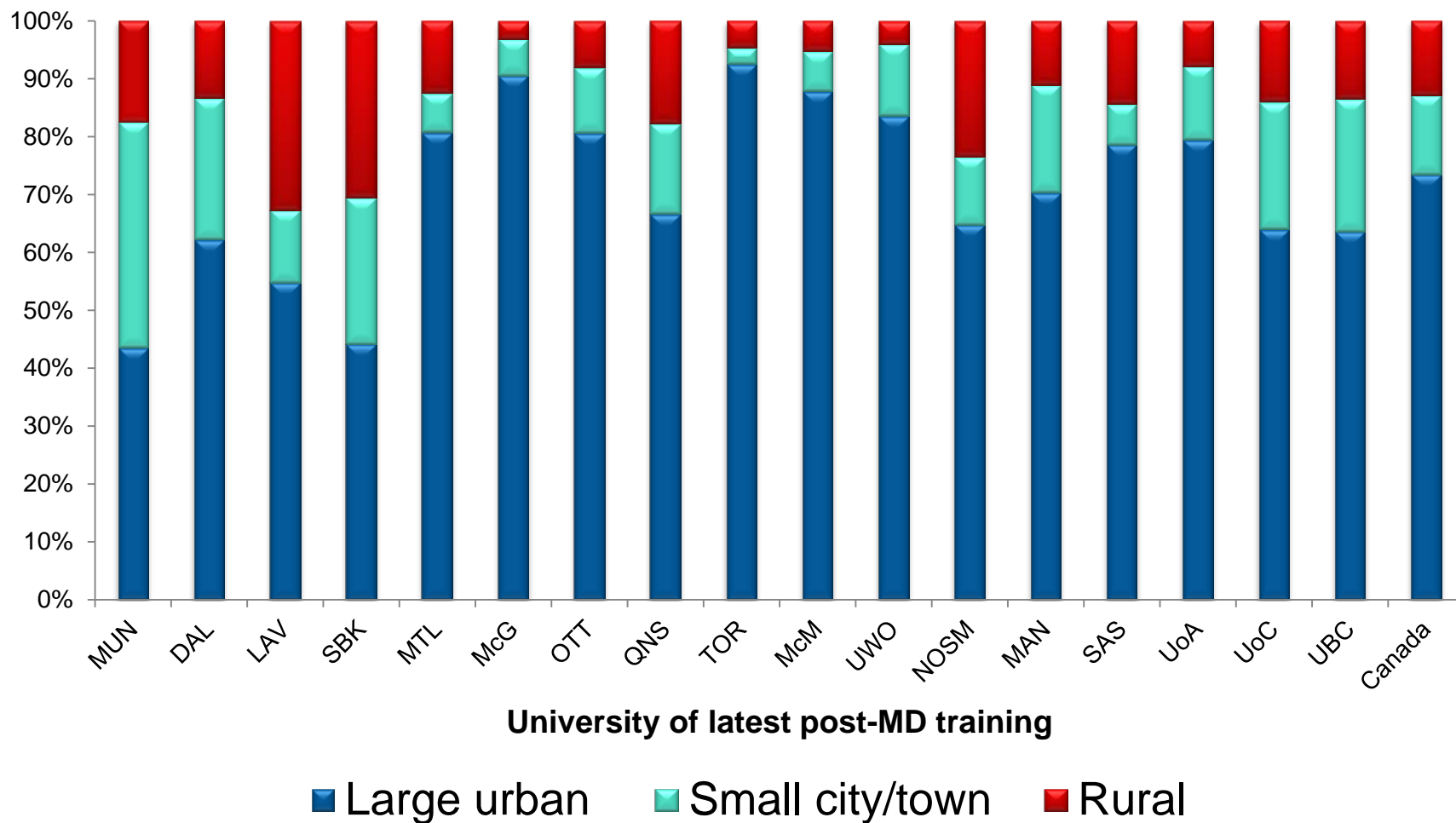
N=71

Source: CaRMS, CAPER, and MD Select

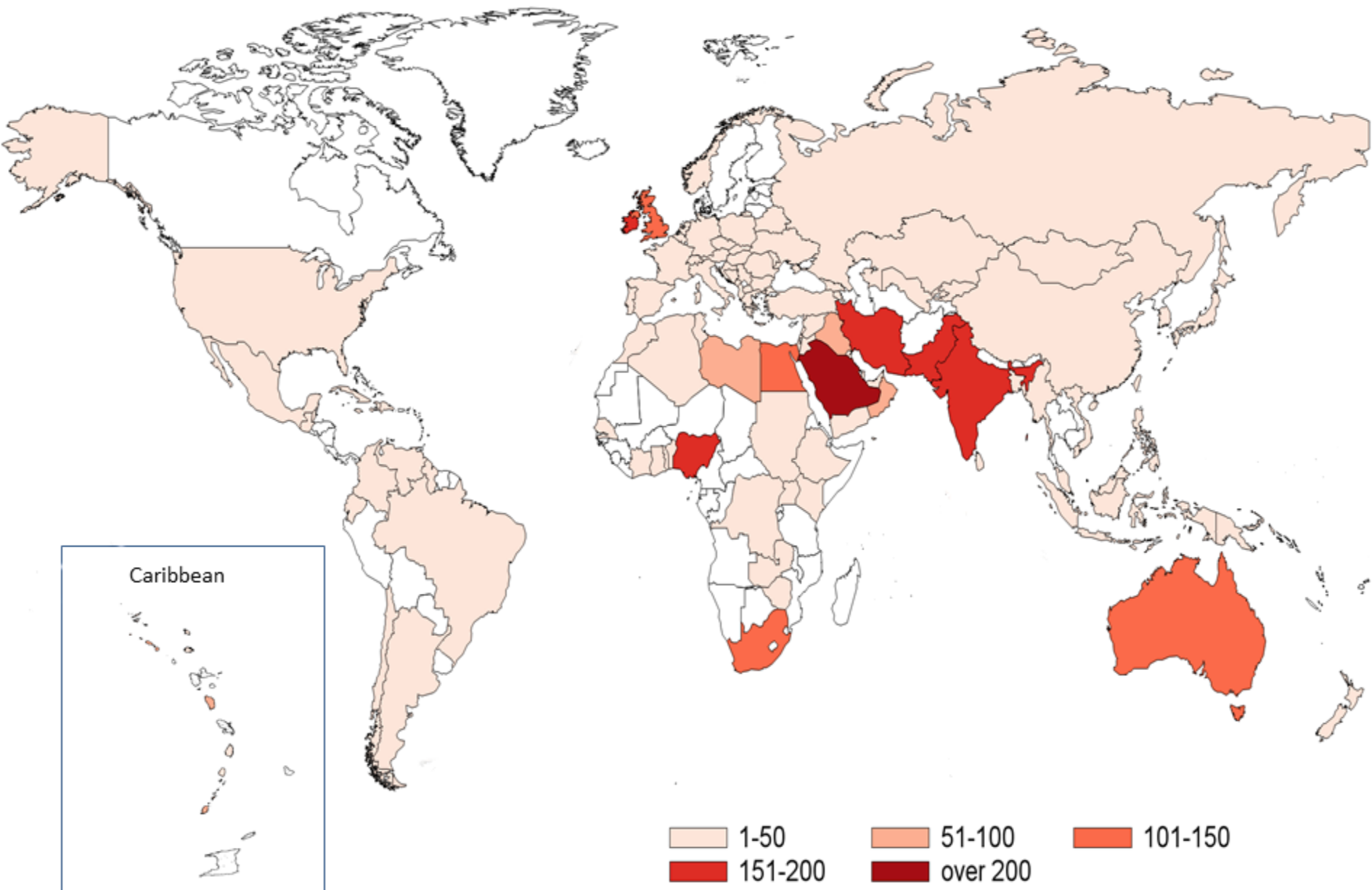
Percentage of 2010 - 2012 postgrad exit cohorts located in the province of training 5 years later by gender



2011 Family Medicine postgrad exits five years later by school and location type



IMGs who passed the MCCEE by country of MD degree



Source: MCC 2015

(excluding visa trainees)



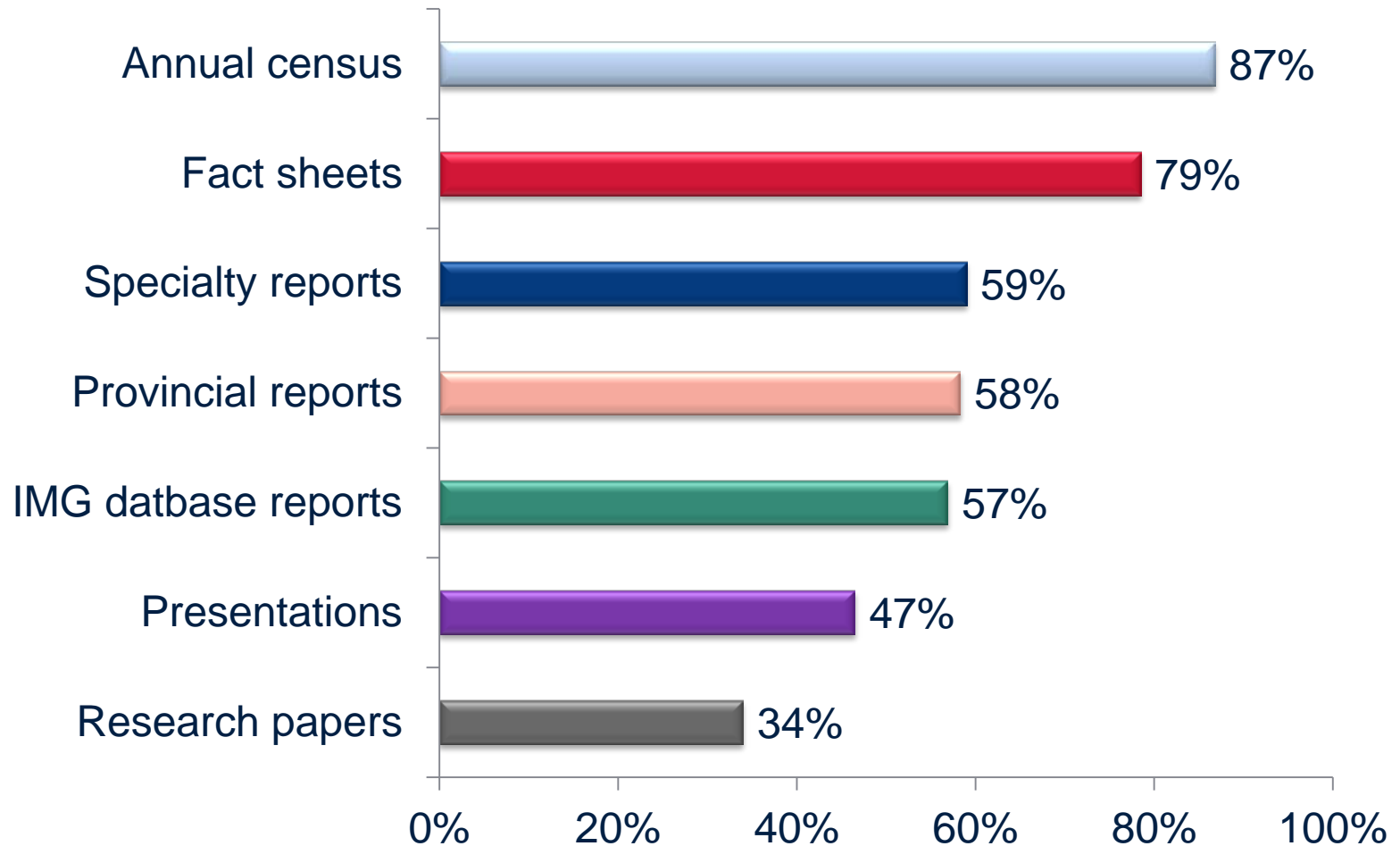


Custom Research Projects

- Third party linkages to protect privacy – e.g. MCC, U of T.
- Tracking projects with Dalhousie (LOCATED), U of Alb; U Calgary, McGill, MUN, McMaster, etc.
- Research on IMGs with MUN
- Scholar in Residence at AFMC

CAPER Evaluation Survey

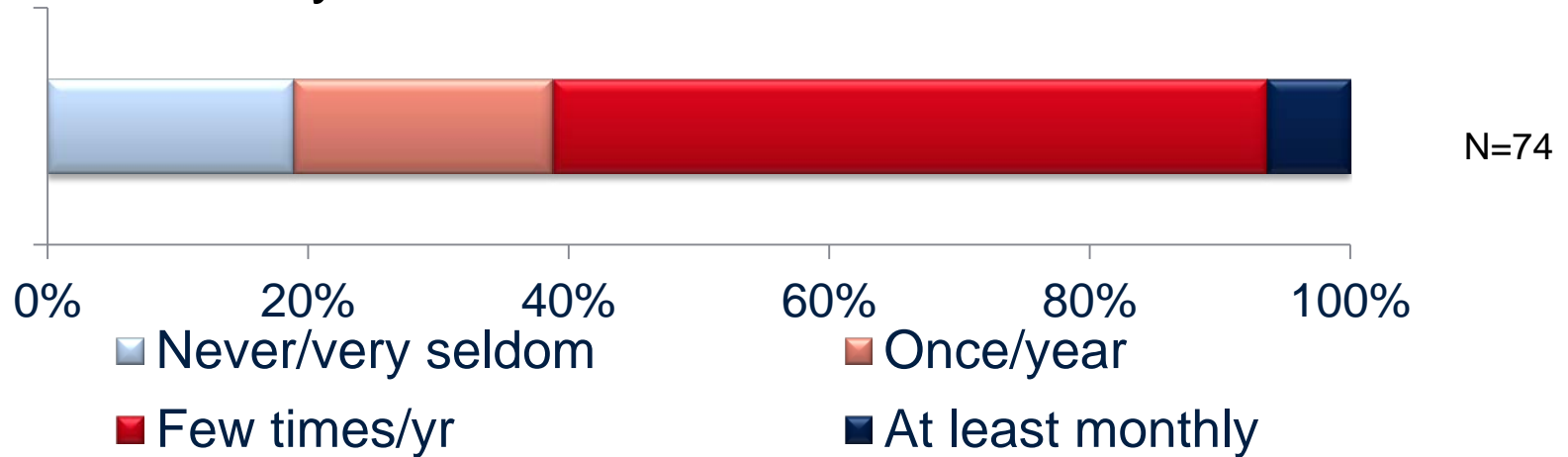
What CAPER products are you aware of?



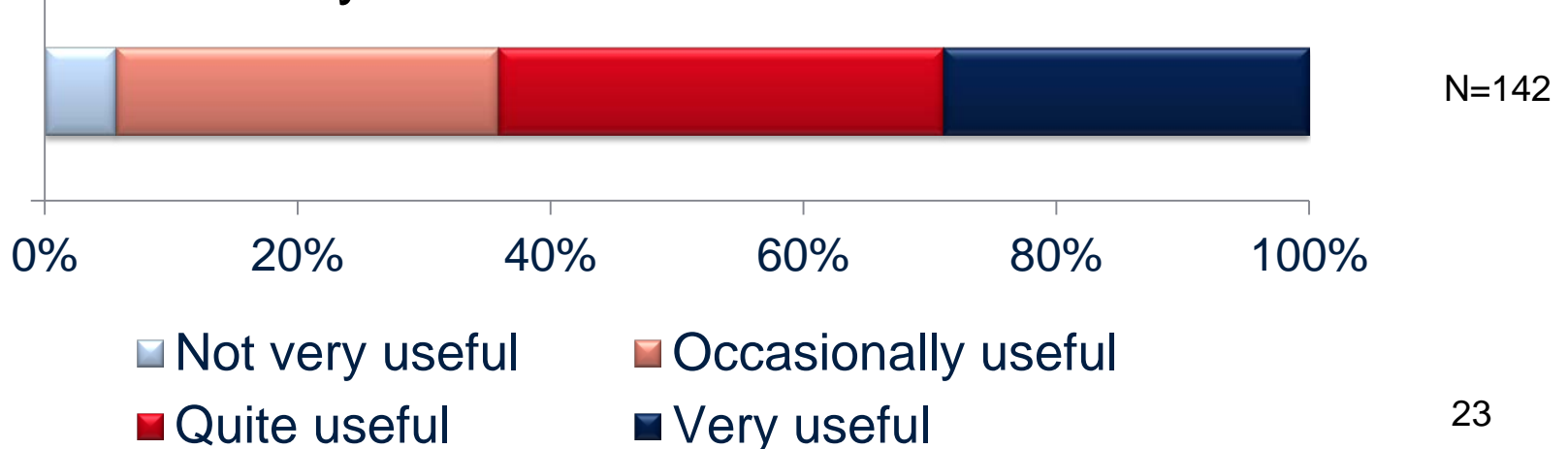
N=144

CAPER Evaluation Survey

How often do you refer to the CAPER Census?

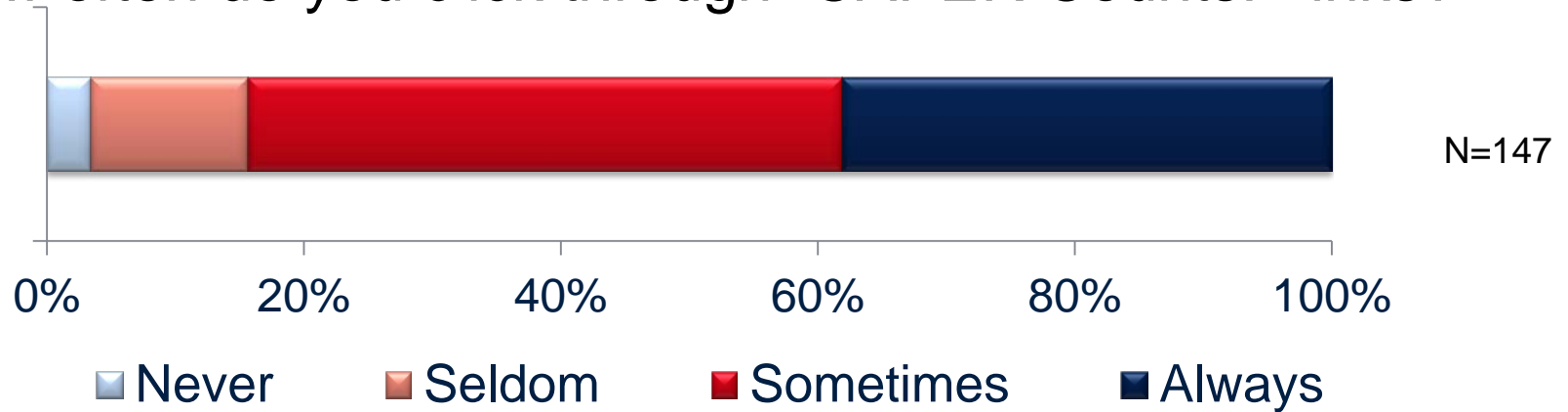


How useful do you find CAPER fact sheets?

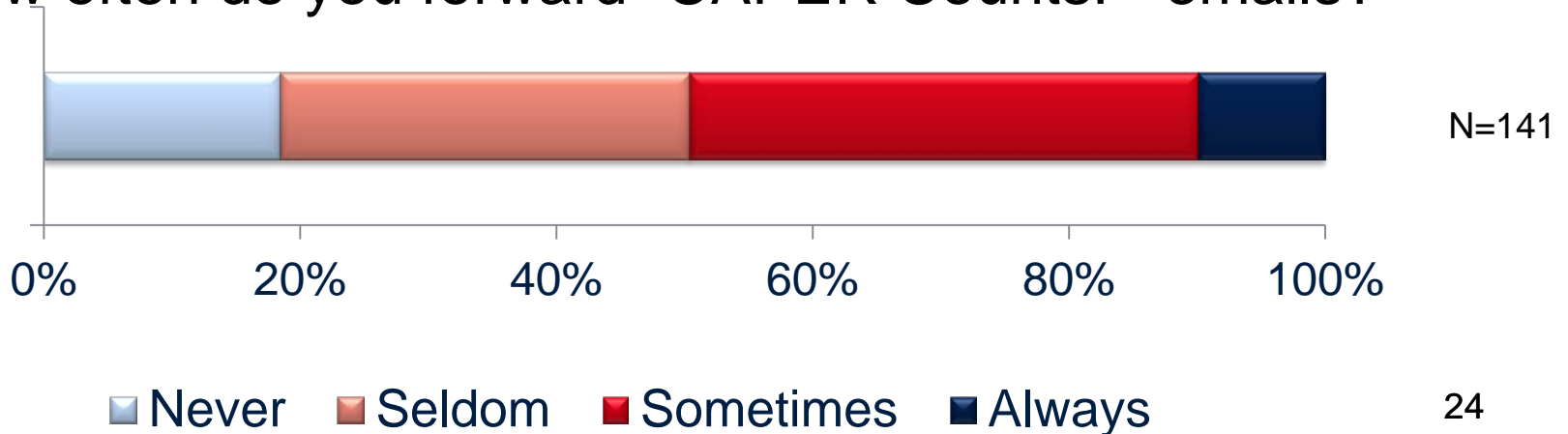


CAPER Evaluation Survey

How often do you click through “CAPER Counts!” links?

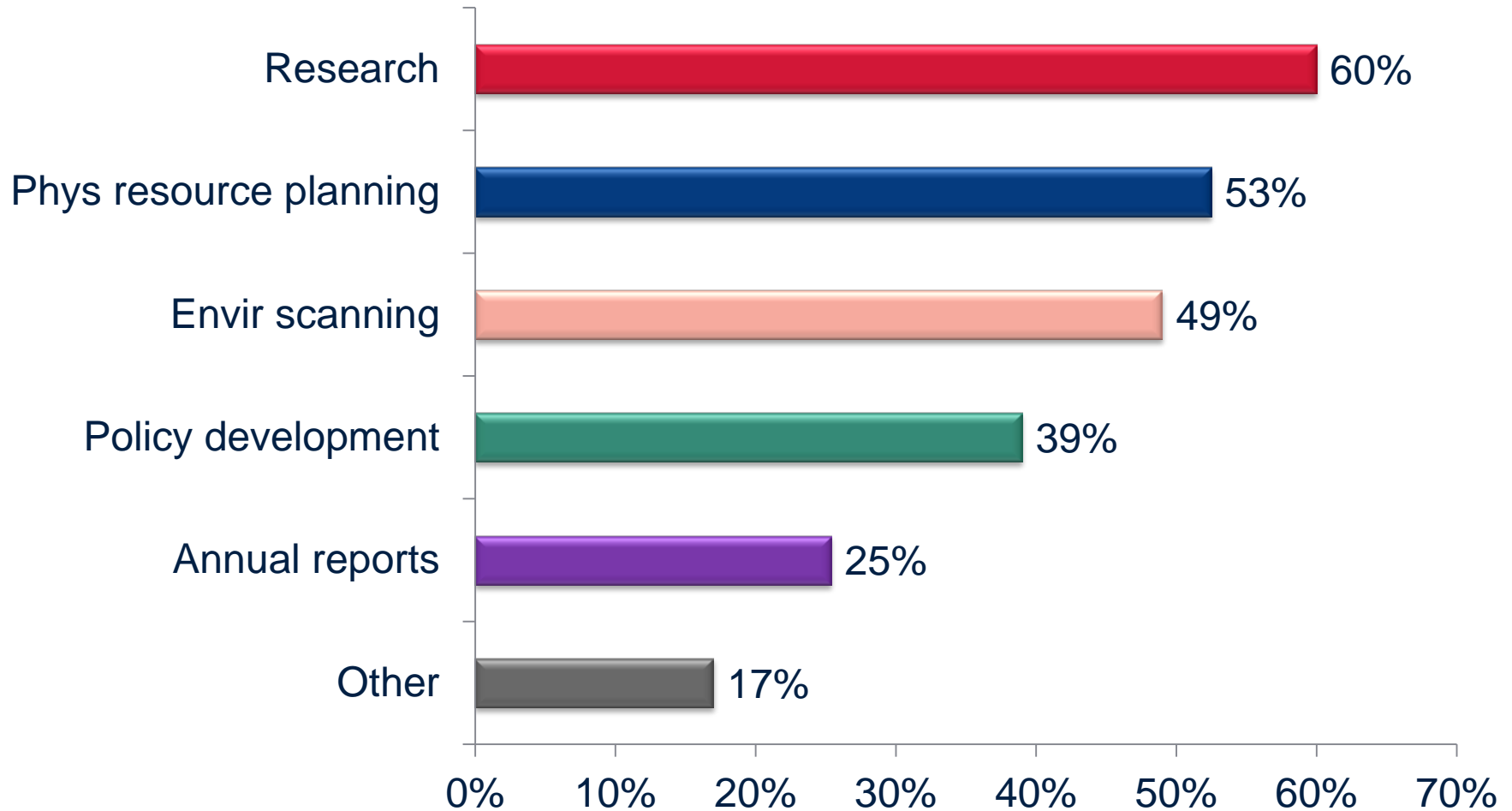


How often do you forward “CAPER Counts!” emails?



CAPER Evaluation Survey

How have you used CAPER information?



N=118



Topics of write-in comments

- Competency by design programs and fellows in areas of focused competence.
- Migration of learners to better predict retention in province of training.
- Interactive maps of postgraduate practice locations especially rural/urban.
- Age, ethnicity, gender analyses.
- FM Enhanced skills breakdowns
- Country of citizenship



Topics of write-in comments

- More breakdowns for IMGs.
- First choice discipline.
- Link to admissions data for rural/urban background.
- Link to UG data for longitudinal integrated clerkships.
- Seek out advice from research scientist on data analytics and quality.
- Release of record level information.



Quotable Quotes

“Without CAPER we would be forced to make uninformed and short-sighted policy decisions.”

“Amazing resource! Use this all the time in our work.”

“I share this with people in the provinces and territories who are unaware of the info but work in health workforce planning”.

“Clone Lynda Buske!”





Thank you!

lbuske@caper.ca

www.caper.ca



@capercanada