

Postgraduate Medical Education Trends in the Context of Health Care Priorities

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Association of Faculties of Medicine of Canada



PGME and Health Priorities

Main Points:

1. PGME trends link to many of Canada's health care priorities
2. There are multiple ways of looking at PGME data in relation to health priorities. For example:
 1. Within specific health areas
 2. Across jurisdictions
 3. Over time
3. A number of avenues for looking at PGME trends in relation to health care priorities are suggested



PGME and Health Priorities

Data Source:

- Canadian Post-MD Education Registry (CAPER)
- Annual data from faculty of medicine PGME offices
- Longitudinal records for all PGME trainees in Canada, since 1989
- Training and sociodemographic data. For example:
 - Field and faculty of training, rank level
 - Age, sex, legal status



PGME and Health Priorities

“First Ministers commit to achieve meaningful reductions in wait times in priority areas such as cancer, heart, diagnostic imaging, joint replacements, and sight restoration”

First Minister's Meeting on the Future of Health Care

A 10-year plan to strengthen health care

September 16, 2004

<http://www.hc-sc.gc.ca/hcs-sss/delivery-prestation/fptcollab/2004-fmm-rpm/index-eng.php>



PGME and Health Priorities

Cancer

- Radiation Oncology
- Medical Oncology (IM)
- Surgical Oncology (GS)
- Gynecological Oncology (Ob/Gyn)

Diagnostic Imaging

- Diagnostic Radiology
- Neuroradiology (DR)
- Ped Diag. Rad. (DR)
- Neurology

Heart

- Cardiology (IM & Peds)
- Cardiac Surgery

Joint Replacement

- Orthopedic Surgery

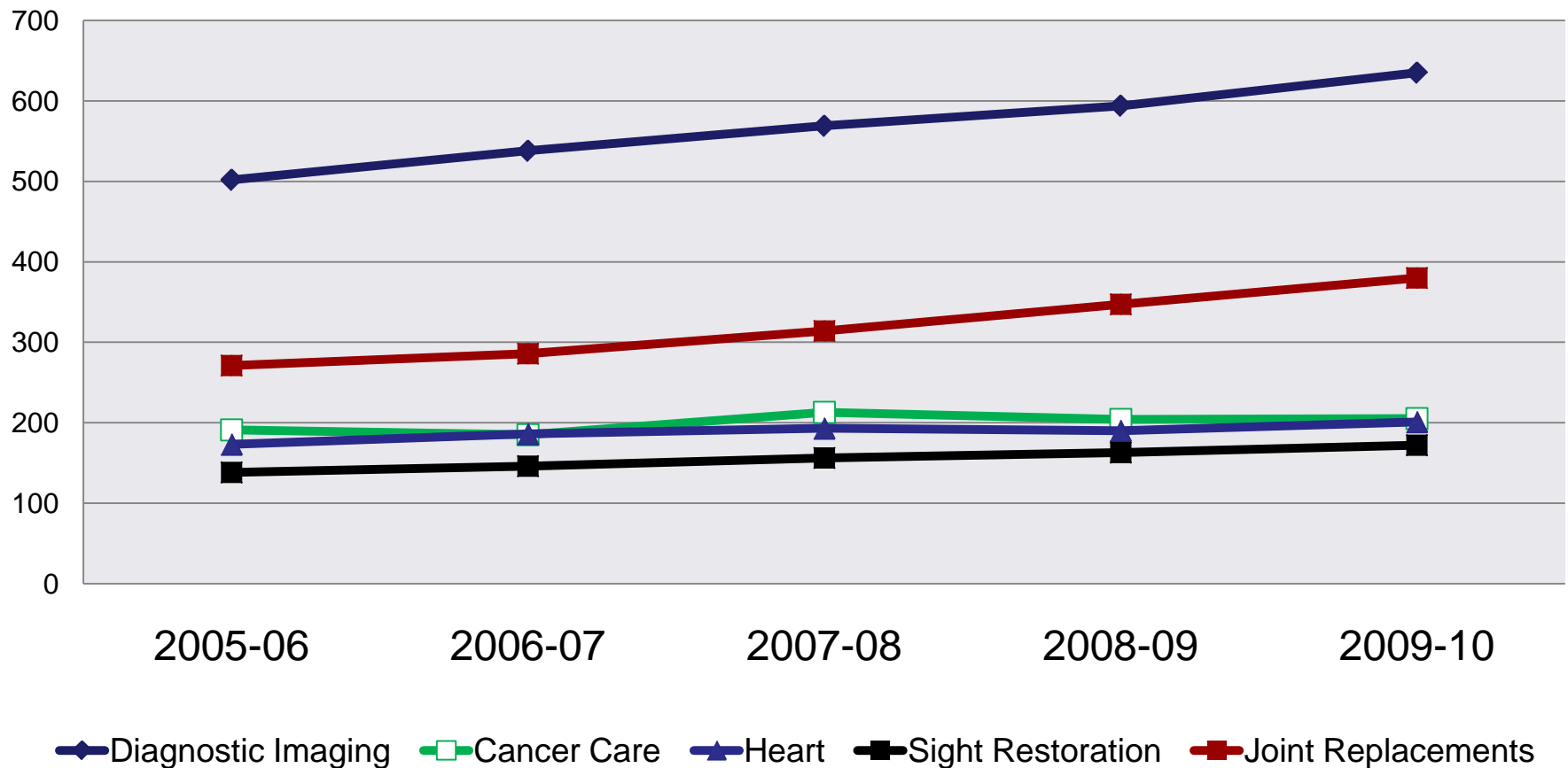
Sight Restoration

- Ophthalmology

FOR EXAMPLE

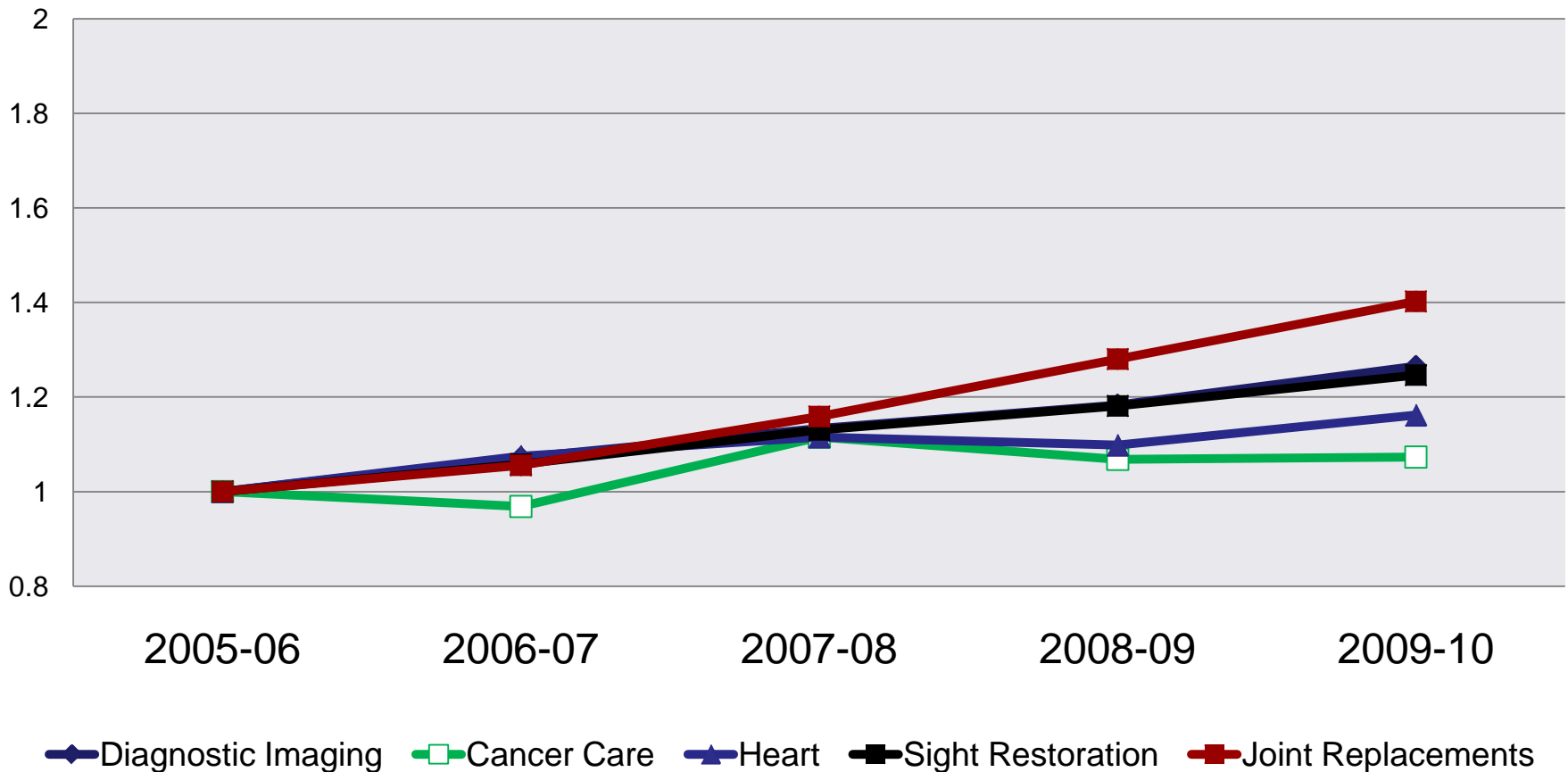
PGME and Health Priorities

Number of PGME Trainees Enrolled in Selected Health Priority Areas, Canada, 2005-06 to 2006-07



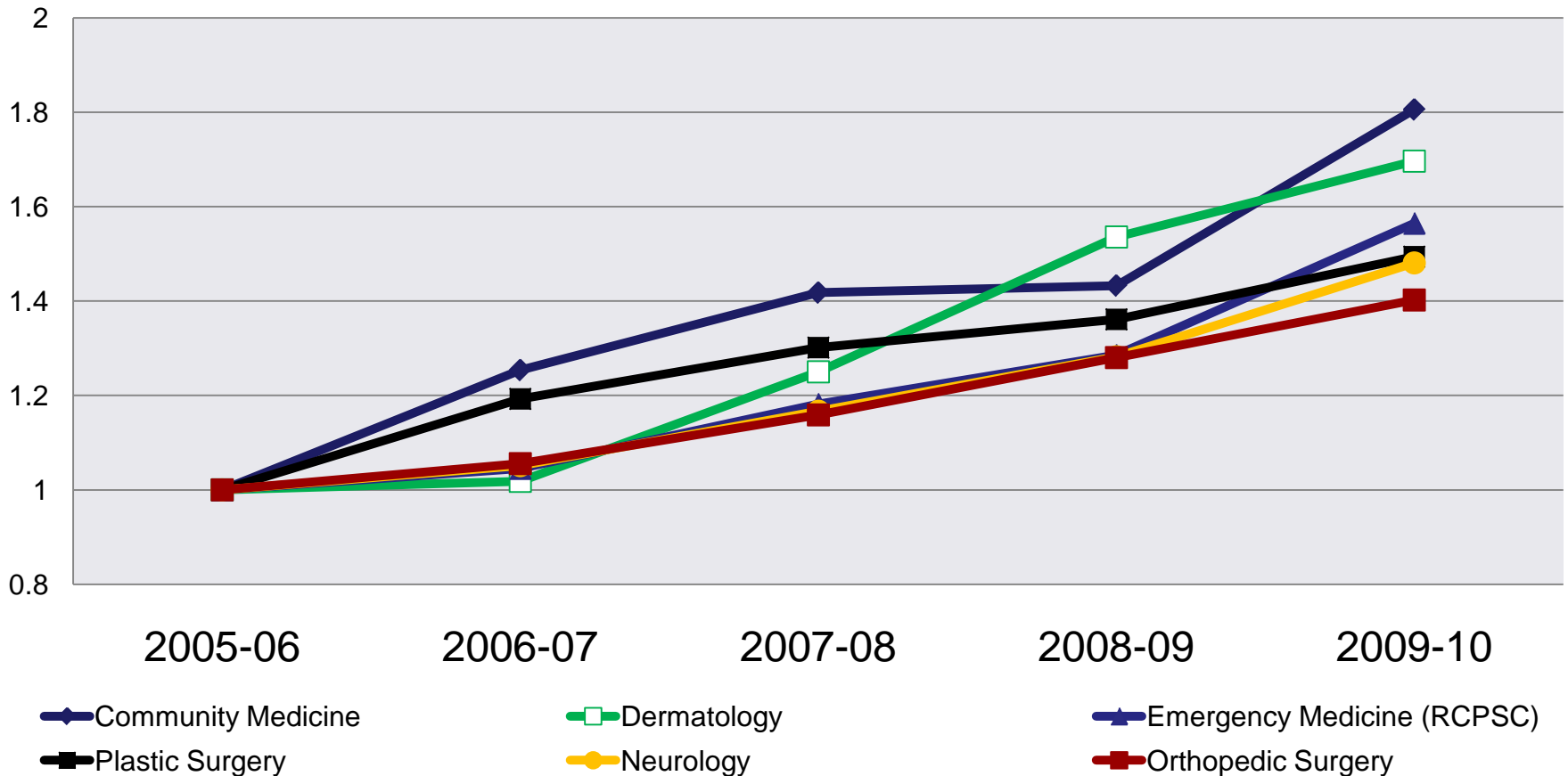
PGME and Health Priorities

Indexed Change in PGME Enrolment in Selected Health Priority Areas,
Canada, 2005-06 to 2006-07



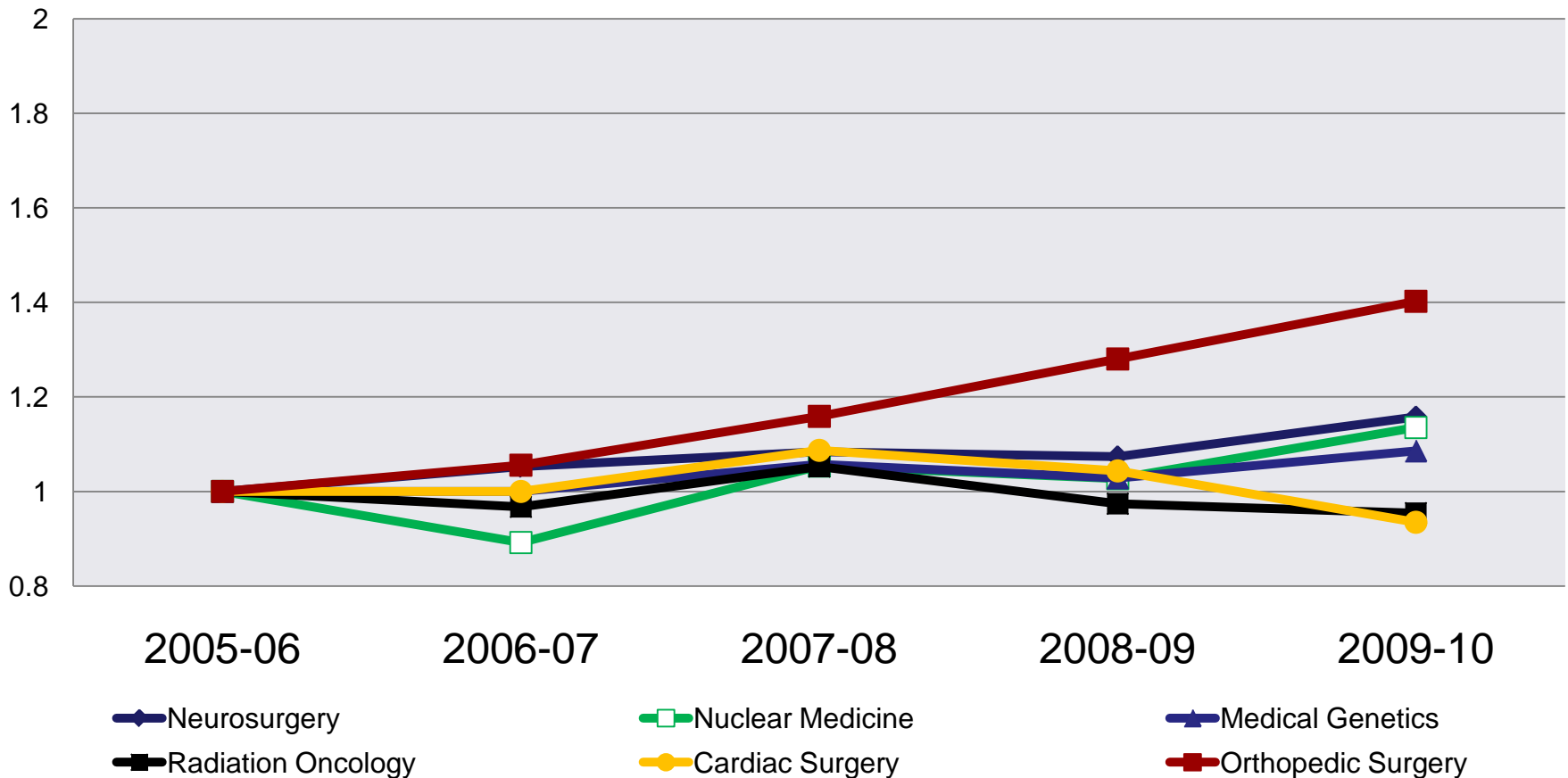
PGME and Health Priorities

Indexed Change in Top 5 PGME Enrolment Growth Fields (+ Orthopedic Surg.),
Canada, 2005-06 to 2006-07



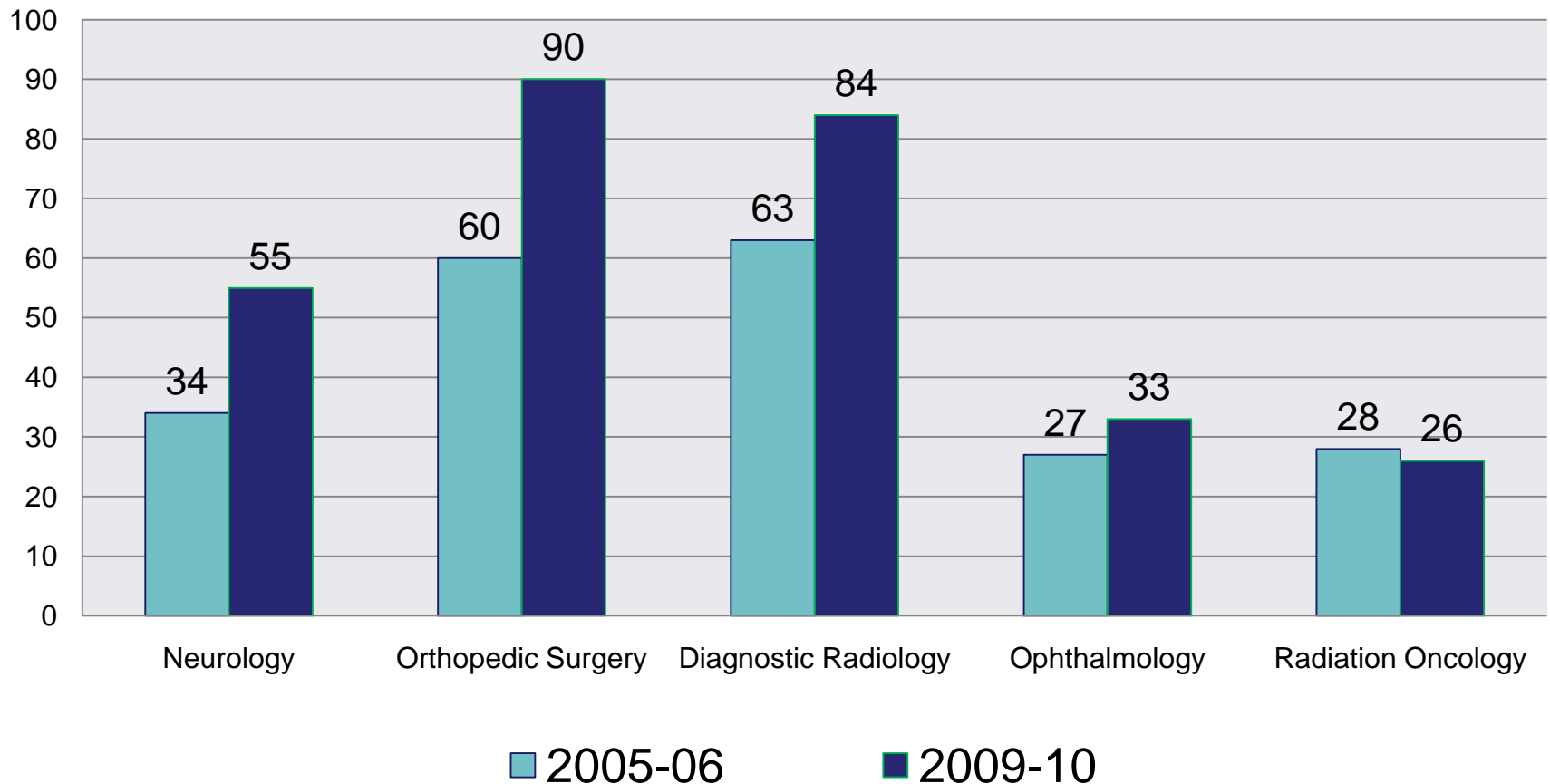
PGME and Health Priorities

Indexed Change in Bottom 5 PGME Enrolment Growth Fields (+ Orthopedic Surg.),
Canada, 2005-06 to 2009-10



PGME and Health Priorities

Number of R1 PGME Trainees in Selected Fields,
Canada, 2005-06 and 2009-10



PGME and Health Priorities



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Ontario Wait Times

Surgical and Diagnostic Imaging Wait Times

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- Oral and Maxillofacial Surgery and Dentistry >
- Orthopaedic Surgery (Bone/Spine) >
- Plastic and Reconstructive Surgery >
- Thoracic Surgery (Chest Surgery) >
- Urologic Surgery (Kidney/Prostate/Bladder Surgery) >
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- Diagnostic Scans >

[Radiation](#), [systemic therapy](#), and [more detailed and additional cardiac wait times](#)

PGME and Health Priorities

Desperately Seeking Doctors : Doc Zone : CBC-TV - Windows Internet Explorer
http://www.cbc.ca/doczone/doctors_background.html

Toronto 20°C Sunny; Tomorrow 23°C Chance of showers

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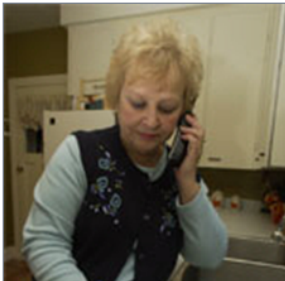
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IS YOUR DOCTOR TAKING PATIENTS?

Across the country, this question is being asked with increasing urgency: today five million Canadians don't have a family doctor. And the number is growing.



Studies show that countries that have good primary healthcare have healthier populations - fewer hospitalizations, lower medical costs and fewer premature deaths. In Canada, primary health care usually means a family doctor.

WATCH THE FILM

Desperately Seeking Doctors
A film about the hunt for family doctors in Canada.

DOC ZONE FEATURES

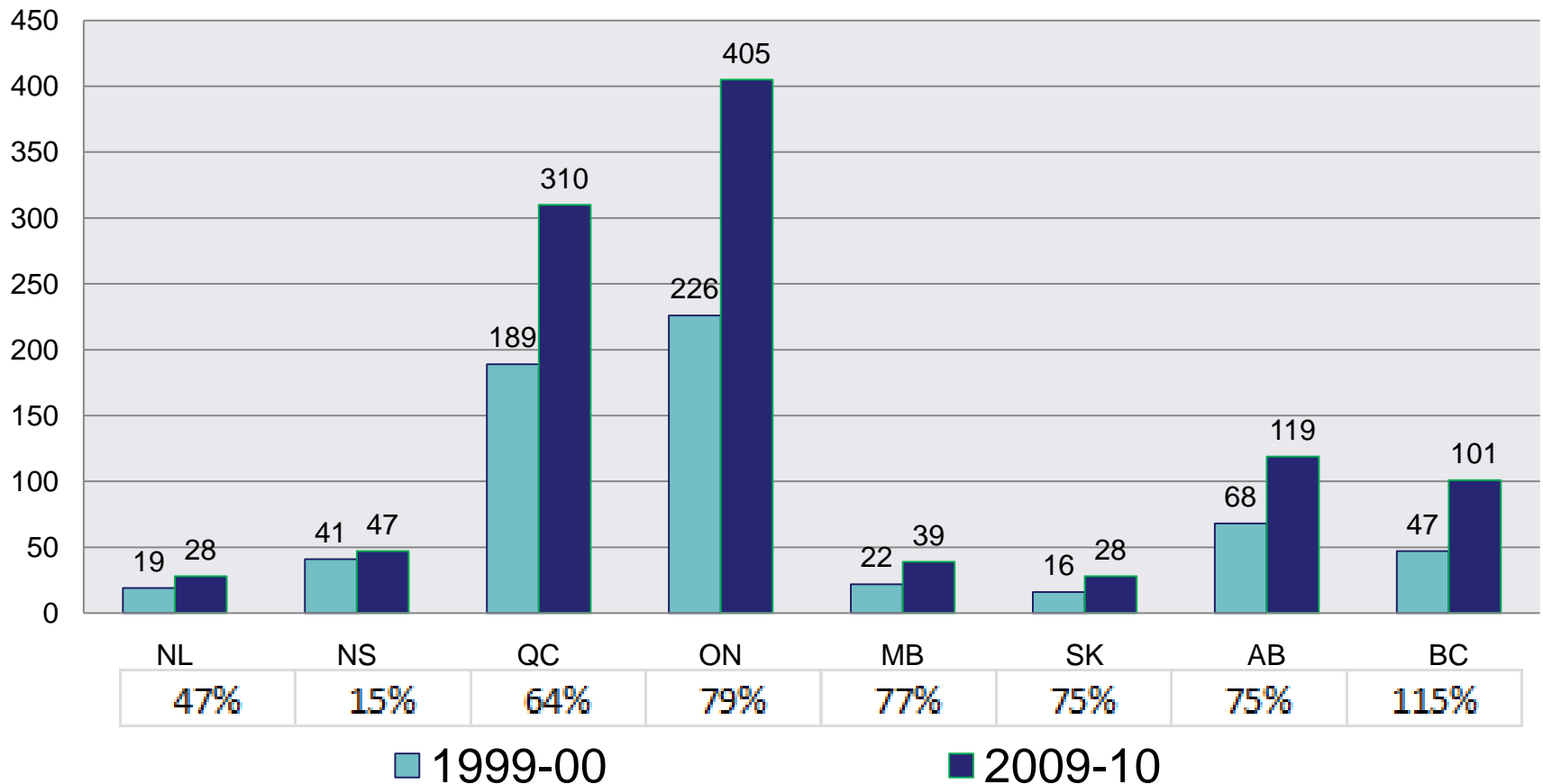
FACT SHEET
Sex in China
By the numbers.

MAP
Plastic Bags Banned
See an interactive map of places around the world that have banned the bag.

Windows Taskbar: Desperately Seeking ... | Inbox - SSlade@afm... | Microsoft Excel - ICR... | ICRE_2010_CAPER_P...

PGME and Health Priorities

Number of PGY1 Trainees in Family Medicine, by Province, Canada, 1999-00 and 2009-10



PGME and Health Priorities

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Want medical degree, will travel

By Josh Dehaas | September 20th, 2010 | 10:15 am

Getting into med school abroad may be easier, but it's tough to come back



Amie Dmytryshyn did everything right. She volunteered to counsel patients at Vancouver General Hospital on Thursday nights. She spent three days a week assisting a quadriplegic teenager. On weekends, she attended intensive all-day MCAT prep and on weeknights she squeezed in two extra hours of studying to prepare for the exam. She did it all while maintaining an A average in her chemistry-heavy human kinetics program at UBC. "Then I got one letter and my dreams were crushed," says Dmytryshyn, now 30.



Erik Vakil, 28, was so determined to get in that after being rejected from a dozen programs in 2006, he marched straight back to Dalhousie and retook every class in which he didn't have an A. The following January, he was rejected again. "It was only after the second rejection that I realized I wasn't going to get in," says Vakil. A friend suggested he try Ireland. He stayed up late that same night to finish his application. Weeks later, he was called for an interview with the Royal College of Surgeons in Ireland (RCSI).

Considering only one in five of the nearly 11,000 students who apply to medical schools across Canada each year are admitted, Dmytryshyn and Vakil are not alone. Some apply again. Most move on to other careers. But for students who see medicine as a calling, who can't imagine doing anything else, there are other options. Six years after she got that fateful letter, Dmytryshyn is preparing to take over as chief resident of pediatrics at B.C. Children's Hospital in her hometown, Vancouver. In August, she married her long-time partner, Byron Hyttenrauch, and the couple are planning a honeymoon in Tahiti. Meanwhile, Vakil is entering his fourth year of med school in Ireland with contacts at the Cleveland Clinic and the Mayo Clinic already in his address book.

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The A to Z of university

Video OnCampus

As the first day of school approaches, more and more questions begin to worry the minds of first timers. Here's a little information to put yourself at ease.

Your university questions answered

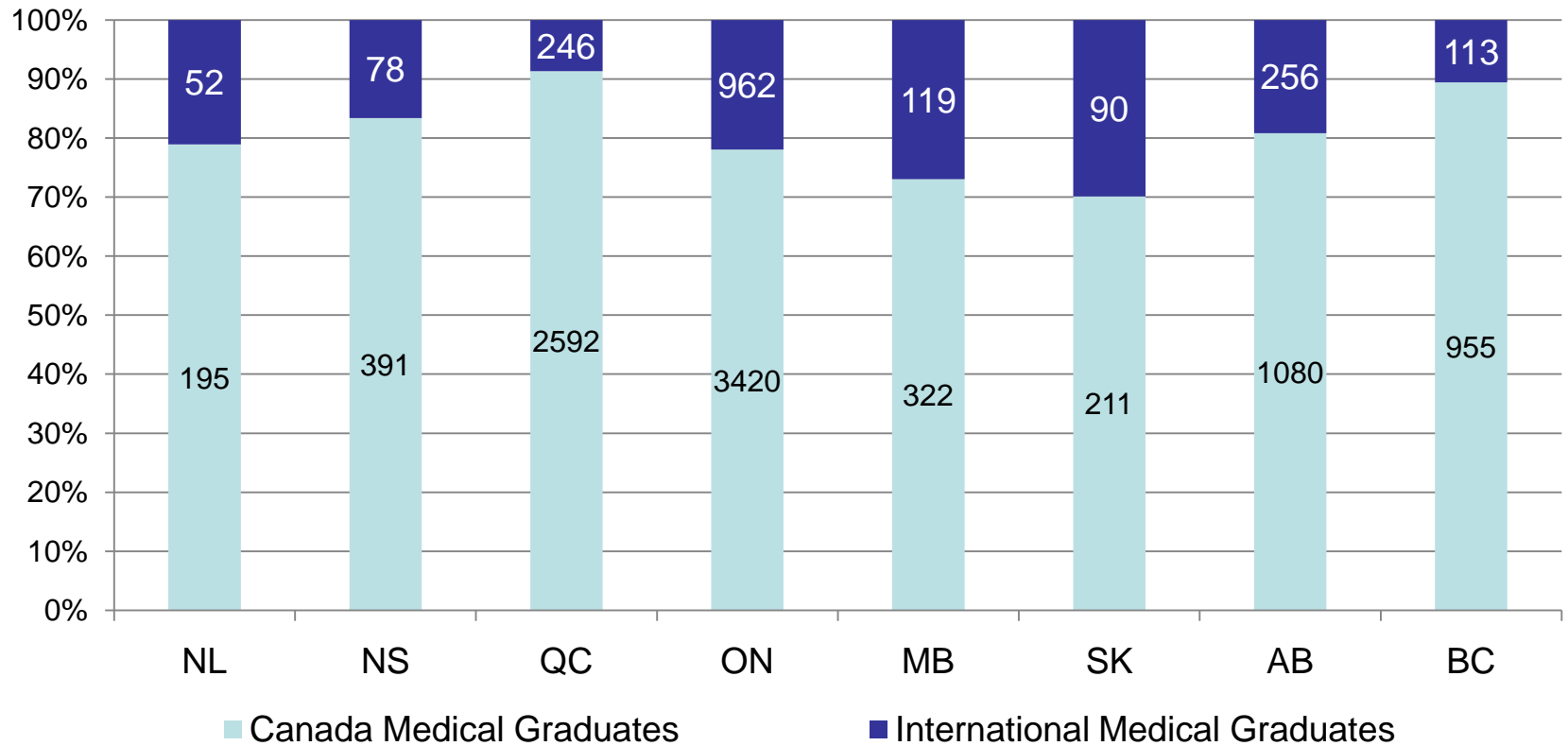


Your university questions answered



PGME and Health Priorities

Proportion of PGME Trainees that are CMGs and IMGs, by Province, Canada, 2009-10





PGME and Health Priorities

Main Points:

1. PGME trends link to many of Canada's health care priorities
 - **but not all priorities link to PGME!**
2. There are multiple ways of looking at PGME data in relation to health priorities
 - **be prepared for incomplete answers, equivocal results and the need to try again**
3. A number of avenues for looking at PGME trends in relation to health care priorities are suggested
 - **please contact CAPER if you'd like to explore these, or other, approaches**