Trends in demand for newly-trained primary care and specialty physicians, 1998-2015

David Armstrong, PhD
Yuhao Liu, MPA
Center for Health Workforce Studies
School of Public Health | University at Albany, SUNY

May 6th
12th Annual AAMC Health Workforce Research Conference
Chicago, Illinois
The Center for Health Workforce Studies

• Based at the School of Public Health at SUNY Albany
• Not-for-profit academic research center
• Our mission is to provide timely, accurate data, and conduct policy-relevant research about the health workforce
• Our goal is to inform public policies, the health and education sectors and the public

http://chws.albany.edu
GME in the U.S. and New York

- In the U.S., nearly 9,700 programs with more than 118,000 residents
- 37 physicians in training per 100,000 population
- In New York, over 1,100 programs with more than 16,000 physicians in training
- 81 physicians in training per 100,000 population

http://chws.albany.edu
The New York Resident Exit Survey

- A survey of all residents and fellows completing training in New York (more than 5,000 annually)
- Conducted annually since 1998 (except 2004 and 2006)
- Substantial assistance from GME Directors and program directors
- Average annual response rate of 61%
- Cumulative number of responses: 47,905
Measuring Relative Demand by Specialty

- Difficulty finding a satisfactory practice position
- Changing plans due to limited practice opportunities
- Number of job offers
- Assessment of regional and national job markets
- Change in starting income over time
Difficulty Finding a Satisfactory Practice Position

Percent of New Physicians Having Difficulty Finding a Satisfactory Job

http://chws.albany.edu
Changing Plans due to Limited Practice Opportunities

Percent of New Physicians Having to Change Plans Due to Limited Practice Opportunities

http://chws.albany.edu
Assessment of Regional Job Market

Mean Scores for New Physicians’ Perceptions of the Regional Job Market
(Many Jobs = 2, Some Jobs = 1, Few Jobs = 0, Very Few Jobs = -1, and No Jobs = -2)

http://chws.albany.edu
Assessment of National Job Market

Mean Scores for New Physicians’ Perceptions of the National Job Market
(Many Jobs = 2, Some Jobs = 1, Few Jobs =0, Very Few Jobs = -1, and No Jobs = -2 )
Starting Salaries

Median Expected Starting Salary in 2015 Dollars for New Physicians with Confirmed Practice Plans

The Relative Demand for Primary Care Physicians Has Surpassed Specialists

Percentile Rank of Relative Demand for New Physicians
(Higher Percentage = Higher Demand)

http://chws.albany.edu
Relative Demand by Individual Specialty

• Highest Relative Demand
  o Family Medicine
  o Emergency Medicine
  o Psychiatry
  o Dermatology
  o General Internal Medicine

• Lowest Relative Demand
  o Pathology
  o Radiology
  o Pediatric Subspecialties
  o Anesthesiology
  o Cardiology
Contact Information

David P. Armstrong

dparmstrong@albany.edu

School of Public Health | University at Albany, SUNY
1 University Place, Ste 220 | Rensselaer, NY 12144
(p) 518.402.2551 | (f) 518.402.0252