2017 Survey of Nephrology Fellows

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Data Science Officer
ASN Data Analytics Program

Disclosures

Employee

American Society of Nephrology

Direct Stock Ownership

Apple, Inc.

BP, Inc.

Delta Airlines

New York Times, Inc.

It was the best of times,

It was the best of times,

it was the worst of times…

It was the best of times,

it was the worst of times…

–Charles Dickens

It was the ~~best~~ of times,

not so good

It was the ^ of times,

not so good

It was the ^ of times,

it was the ~~worst~~ of times...

not so good
It was the ^ of times,
not so bad
it was the ^ of times...

not so good

It was the ^ of times,

not so bad

it was the ^ of times...

–GW-HWI

Fellows

Nephrology Fellows 2017

Variable	2017 Respondents	ACGME (2016)
Male		
Female		
IMG		
African American		
Hispanic Latino		

Nephrology Fellows 2017

Variable	2017 Respondents	ACGME (2016)
Male	61.9%	
Female		
IMG		
African American		
Hispanic Latino		

Nephrology Fellows 2017

Variable	2017 Respondents	ACGME (2016)
Male	61.9%	
Female	38.1%	
IMG		
African American		
Hispanic Latino		

Nephrology Fellows 2017

Variable	2017 Respondents	ACGME (2016)
Male	61.9%	
Female	38.1%	
IMG	61.8%	
African American		
Hispanic Latino		

Nephrology Fellows 2017

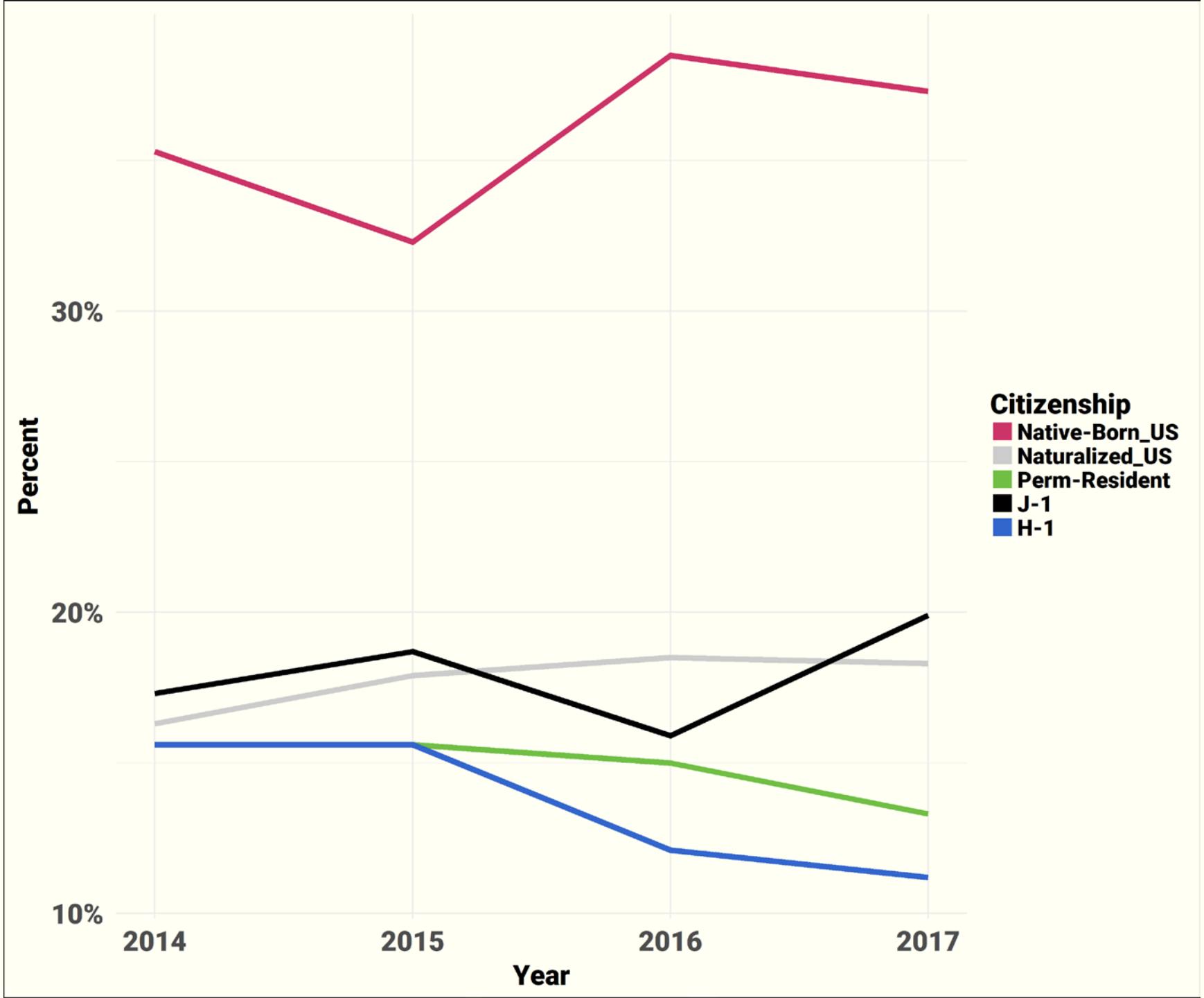
Variable	2017 Respondents	ACGME (2016)
Male	61.9%	
Female	38.1%	
IMG	61.8%	
African American	7.7%	
Hispanic Latino		

Nephrology Fellows 2017

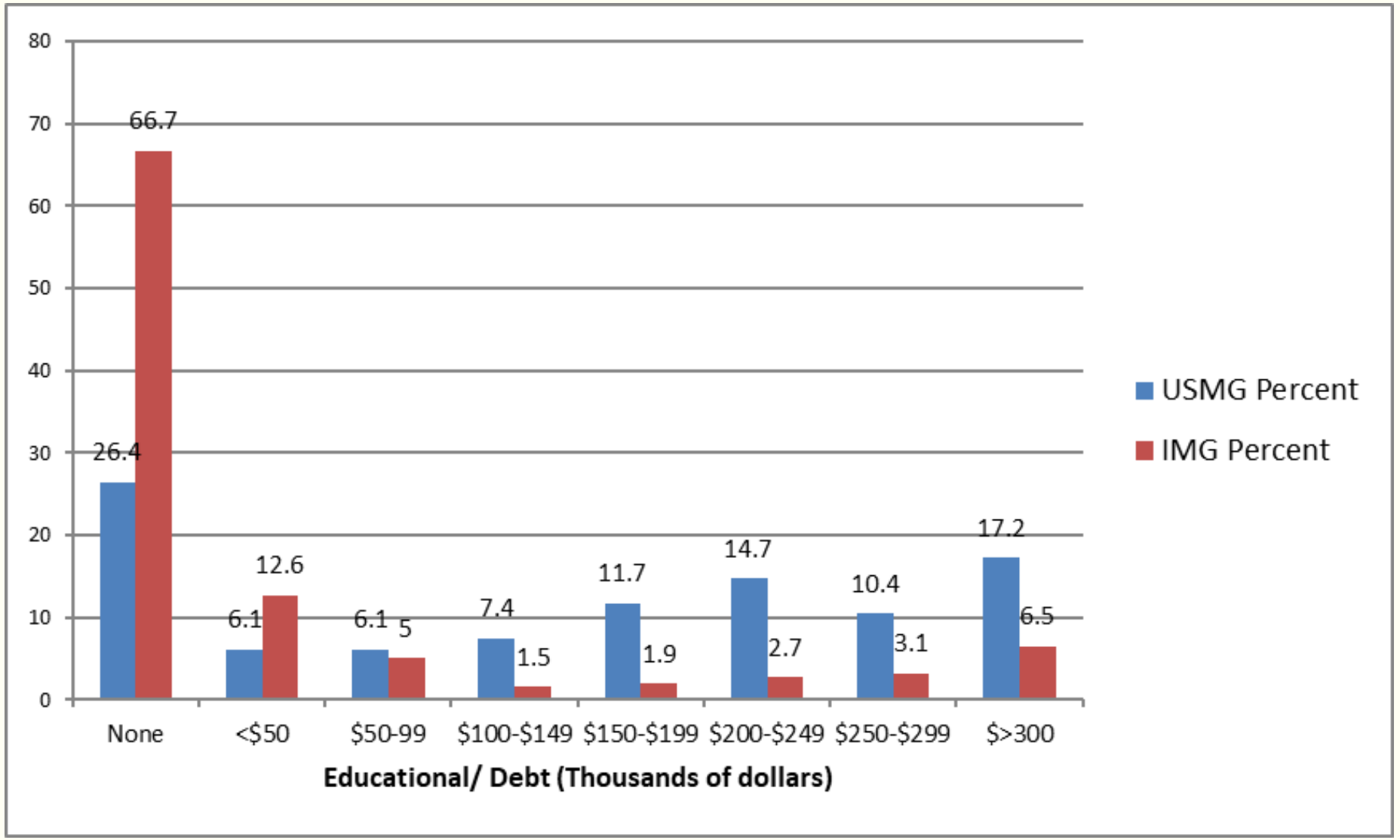
Variable	2017 Respondents	ACGME (2016)
Male	61.9%	
Female	38.1%	
IMG	61.8%	
African American	7.7%	
Hispanic Latino	8.9%	

Nephrology Fellows 2017

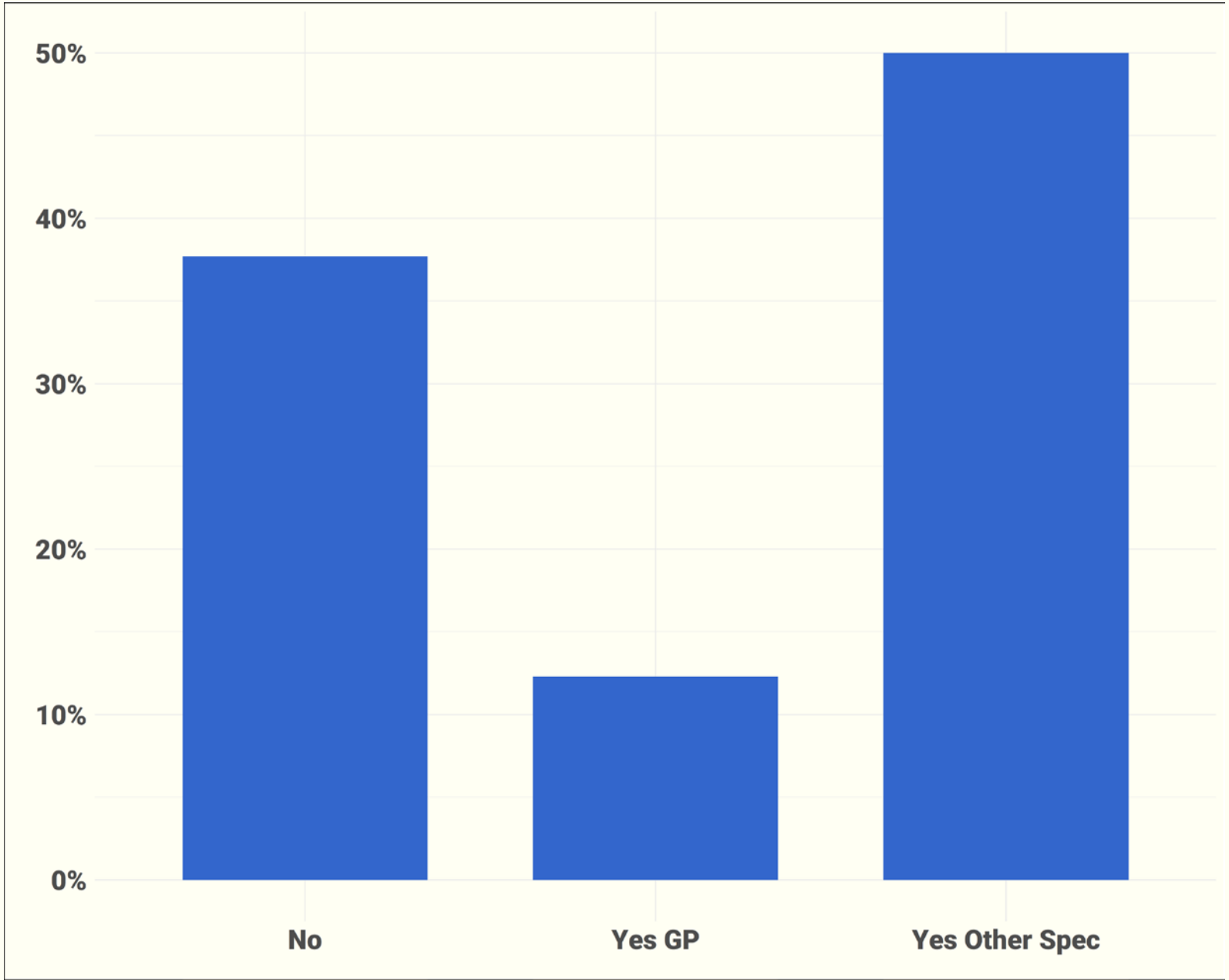
Variable	2017 Respondents	ACGME (2016)
Male	61.9%	63.3%
Female	38.1%	36.7%
IMG	61.8%	65.4%
African American	7.7%	7.1%
Hispanic Latino	8.9%	8.3%


30%
20%
10%
Percent
2014
2015
2016
2017
Year
Citizenship
Native-Born_US
Naturalized_US
Perm-Resident
J-1
H-1

Educational Debt



Considered Other Specialties



Job Market

Salaries

Base Starting Salaries Up

Salaries

Base Starting Salaries Up

Range

Salaries

Base Starting Salaries Up

Range $180,000– $189,999

Salaries

Base Starting Salaries Up

Range $180,000– $189,999

Mean

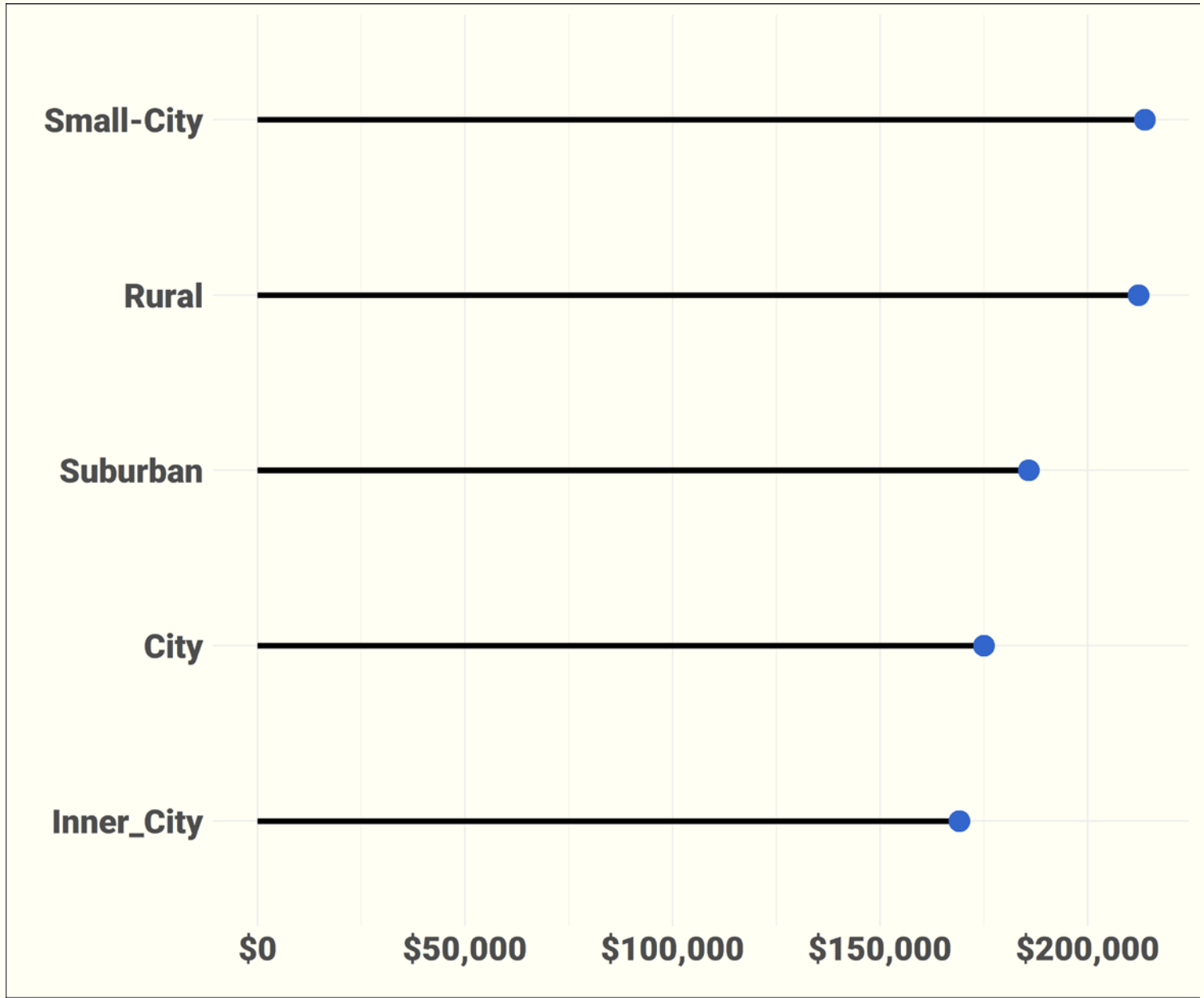
Salaries

Base Starting Salaries Up

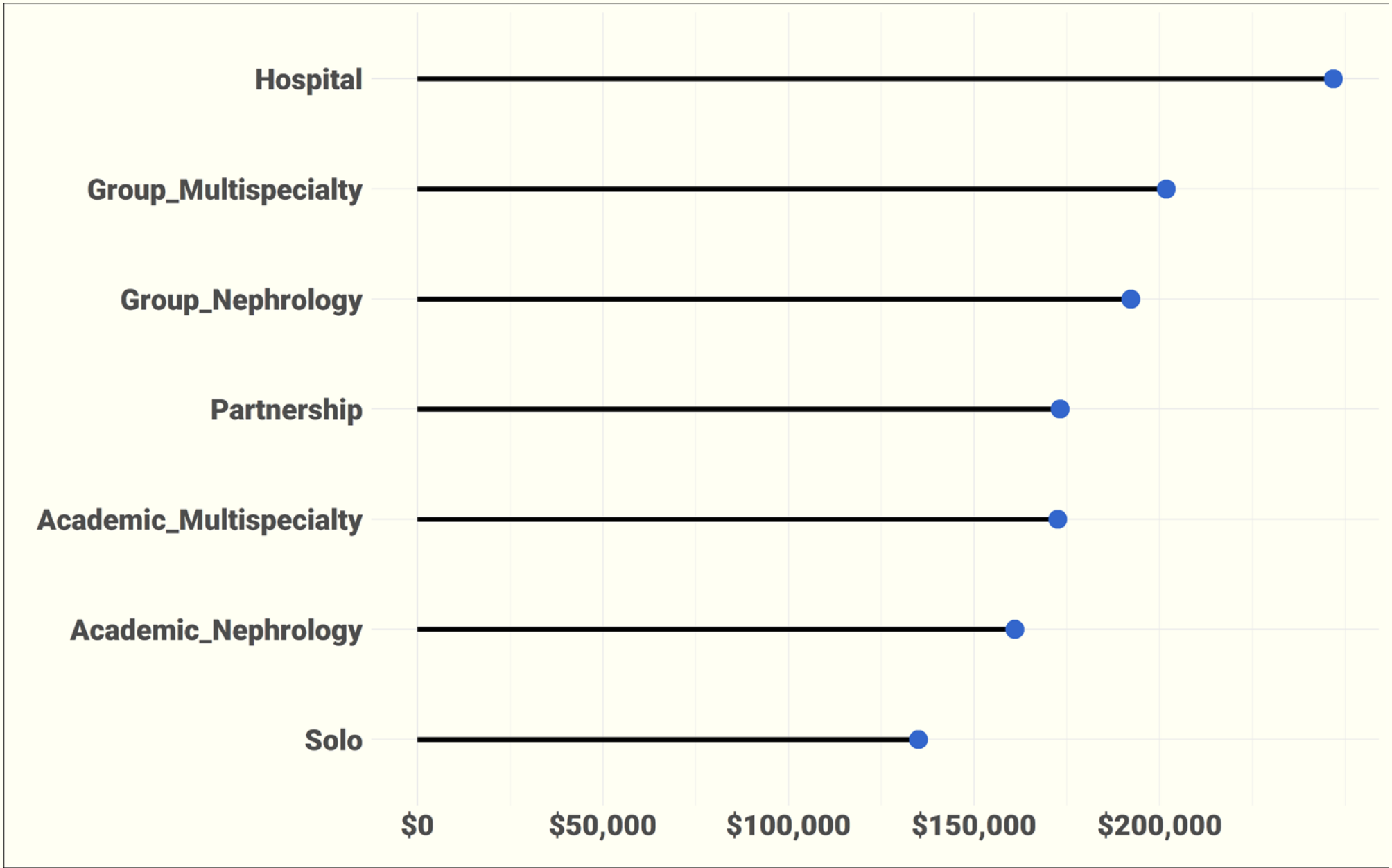
Range $180,000– $189,999

Mean $187,000

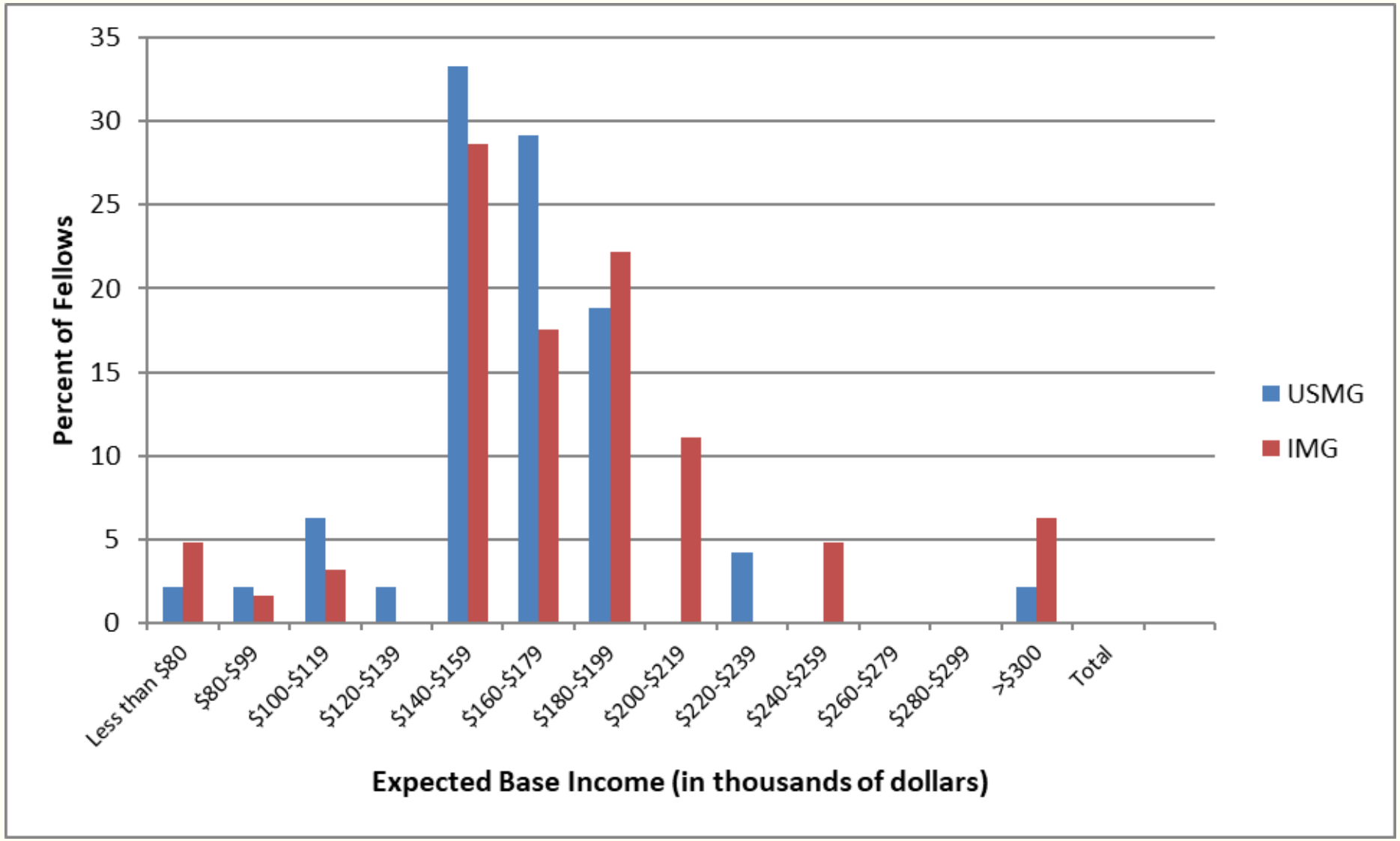
Salaries: Geographic Location



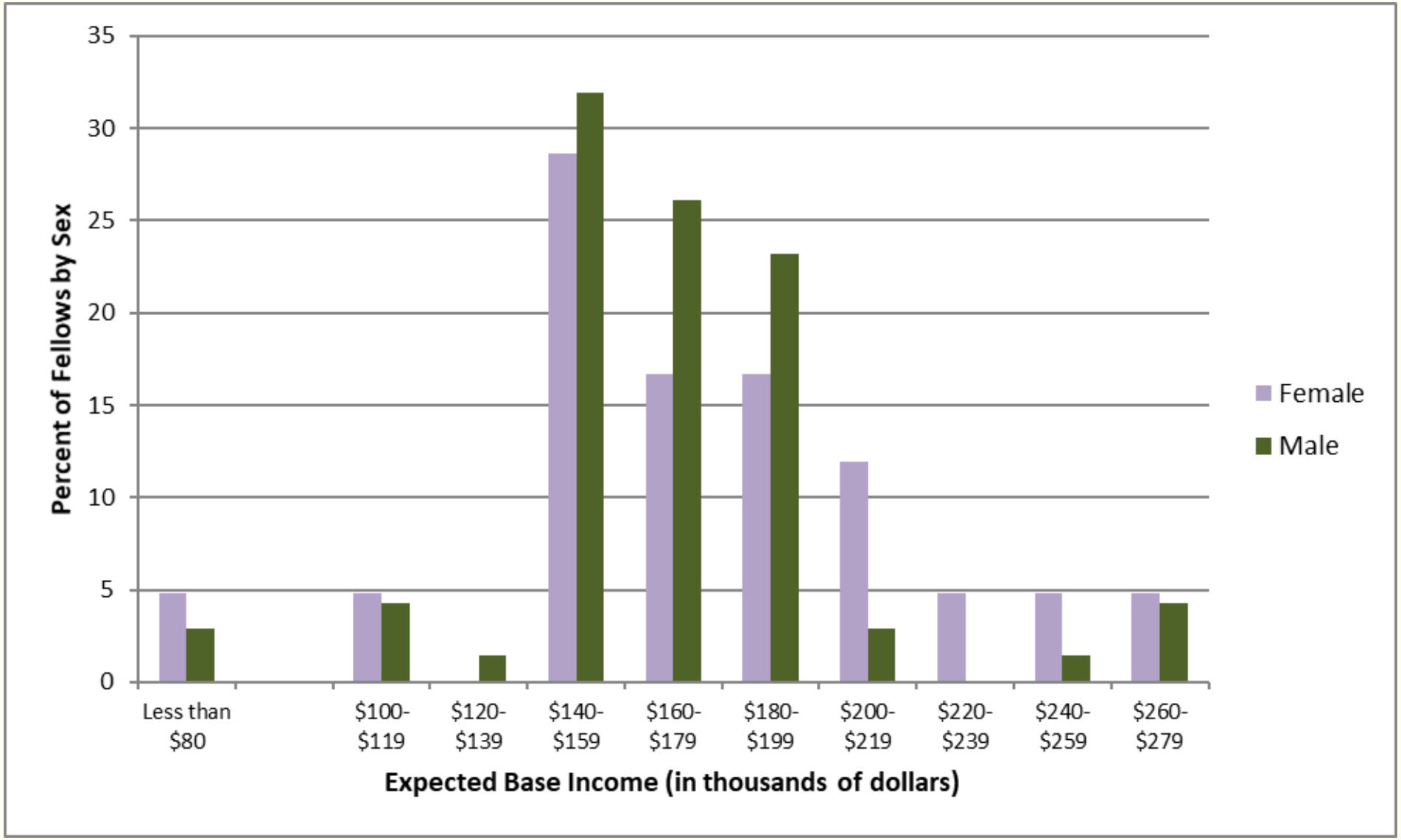
Salaries: Practice Location

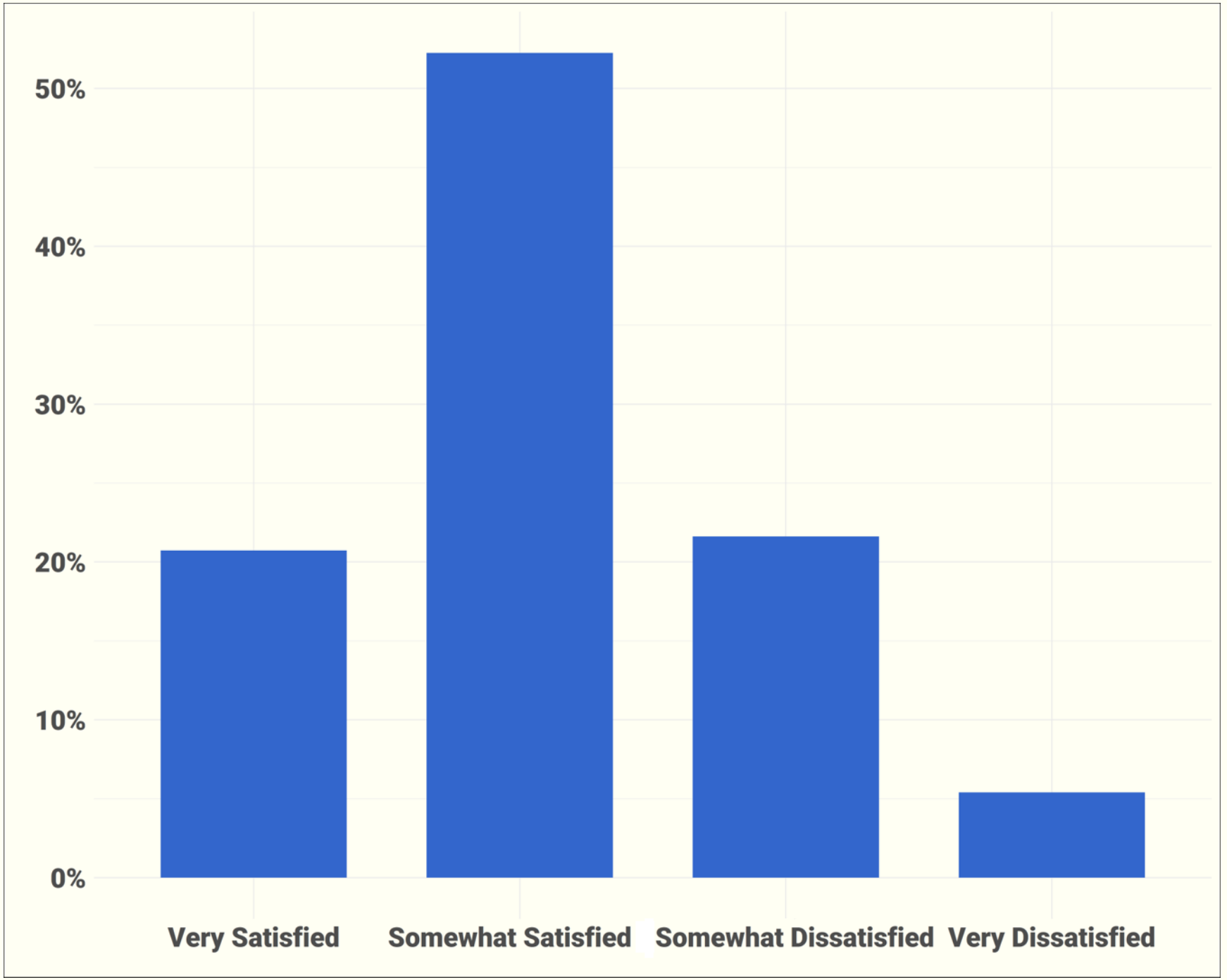


Salaries: Educational Status

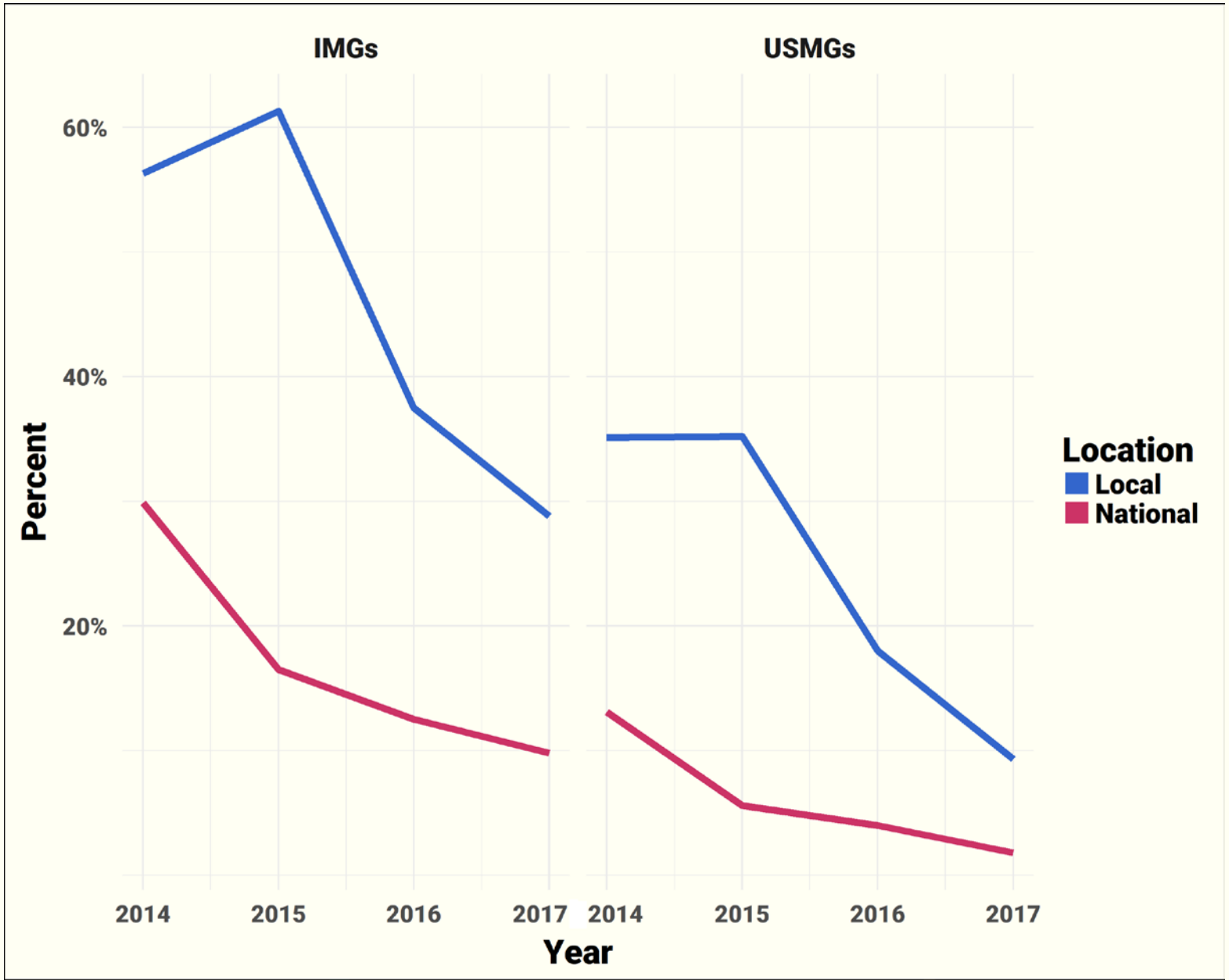


Salaries: Sex

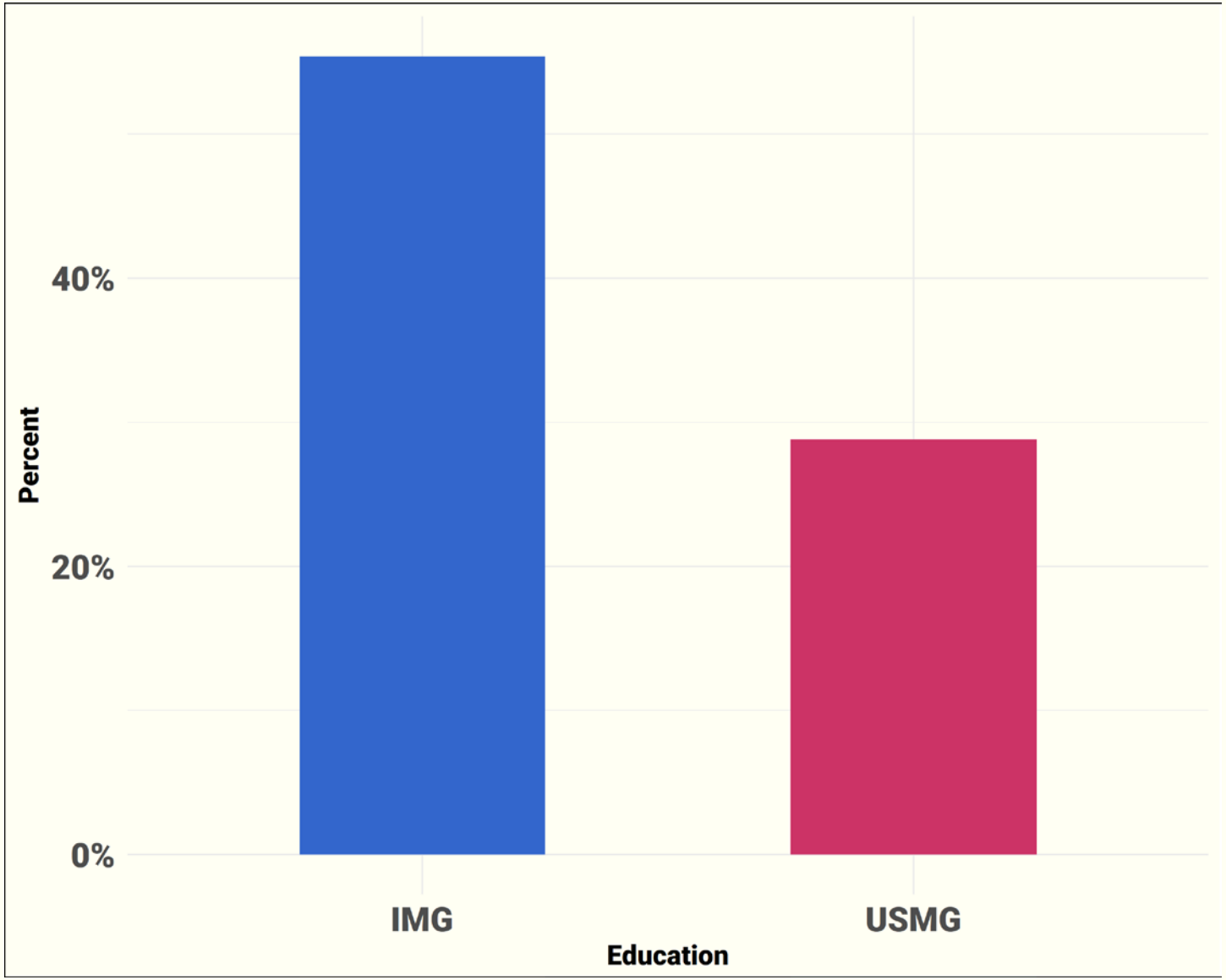



50%
40%
30%
20%
10%
0%
Very Satisfied
Somewhat Satisfied
Somewhat Dissatisfied
Very Dissatisfied

No/Few Jobs


IMGs
USMGs
60%
40%
20%
Percent
2014
2015
2016
2017
2014
2015
2016
2017
Year
Location
Local
National

Difficulty Finding Satisfactory Position



Job Market

More Available

Job Market

More Available

Rural

Job Market

More Available

Rural

Private Practice

Job Market

More Available

Rural

Private Practice

Solo

Job Market

Less Available

Job Market

Less Available

Academic

Job Market

Less Available

Academic

Metro

Job Market

Less Available

Academic

Metro

Visas

Training

Additional Training

Topic	Percent

Additional Training

Topic	Percent
Home Hemodialysis	**55.8%**

Additional Training

Topic	Percent
Home Hemodialysis	55.8%
Peritoneal Dialysis	46.0%

Additional Training

Topic	Percent
Home Hemodialysis	55.8%
Peritoneal Dialysis	46.0%
Kidney Ultrasound Interpretation	44.2%

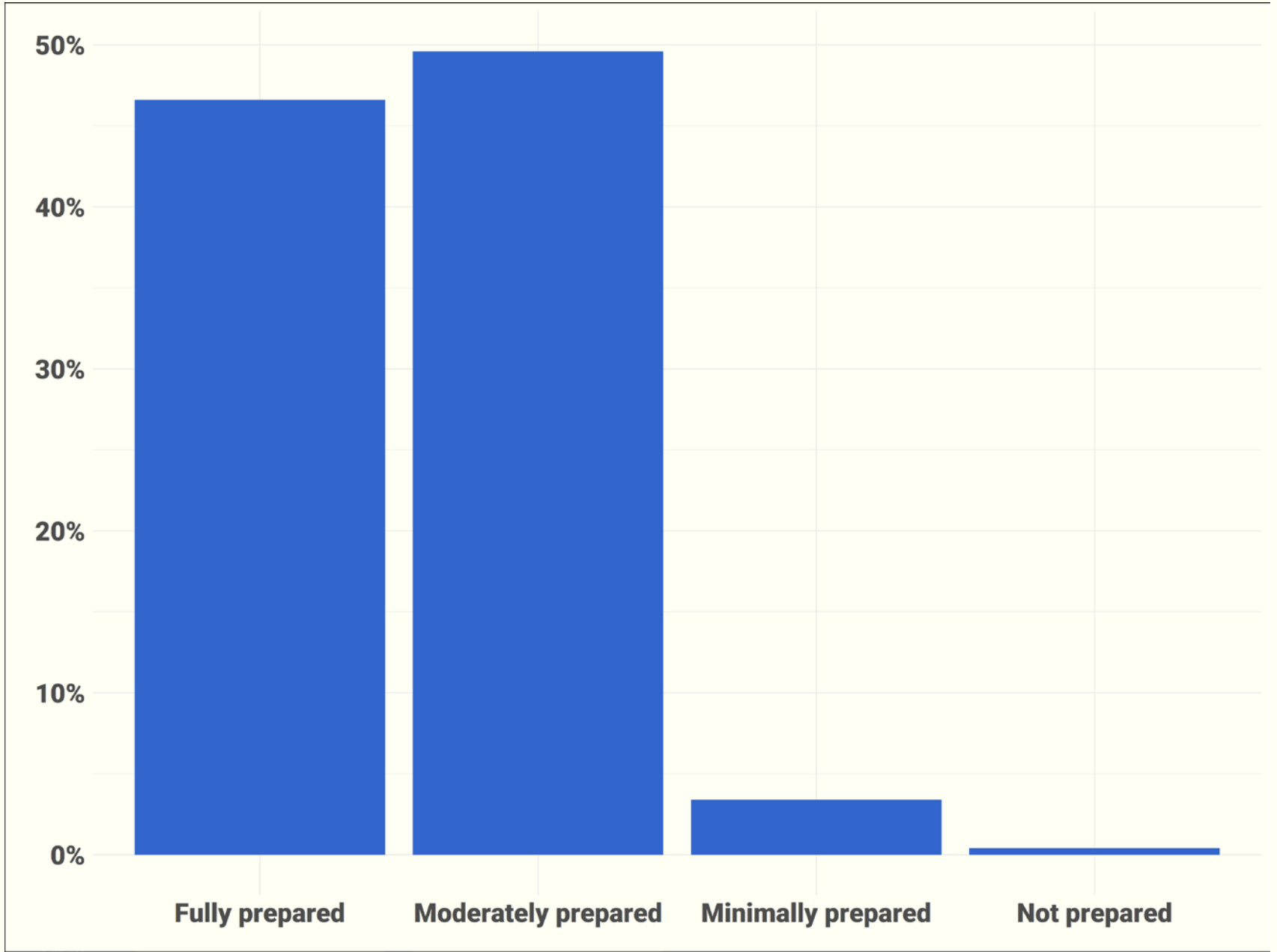
Additional Training

Topic	Percent
Home Hemodialysis	55.8%
Peritoneal Dialysis	46.0%
Kidney Ultrasound Interpretation	44.2%
Obstetric Nephrology	35.8%

Additional Training

Topic	Percent
Home Hemodialysis	55.8%
Peritoneal Dialysis	46.0%
Kidney Ultrasound Interpretation	44.2%
Obstetric Nephrology	35.8%
Acute GN Diagnosis/Management	34.5%

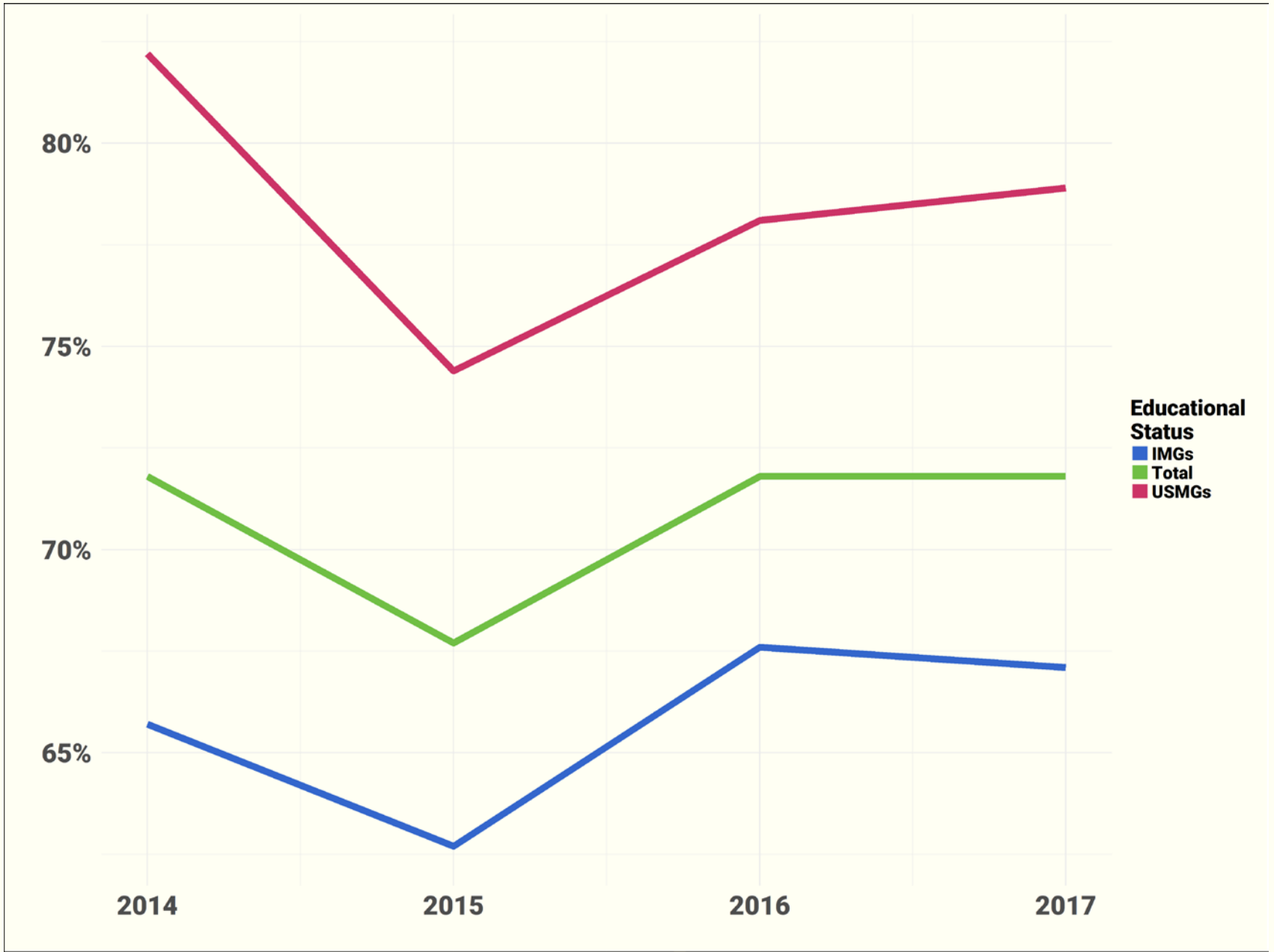
Self-Assessment: Independent Practice



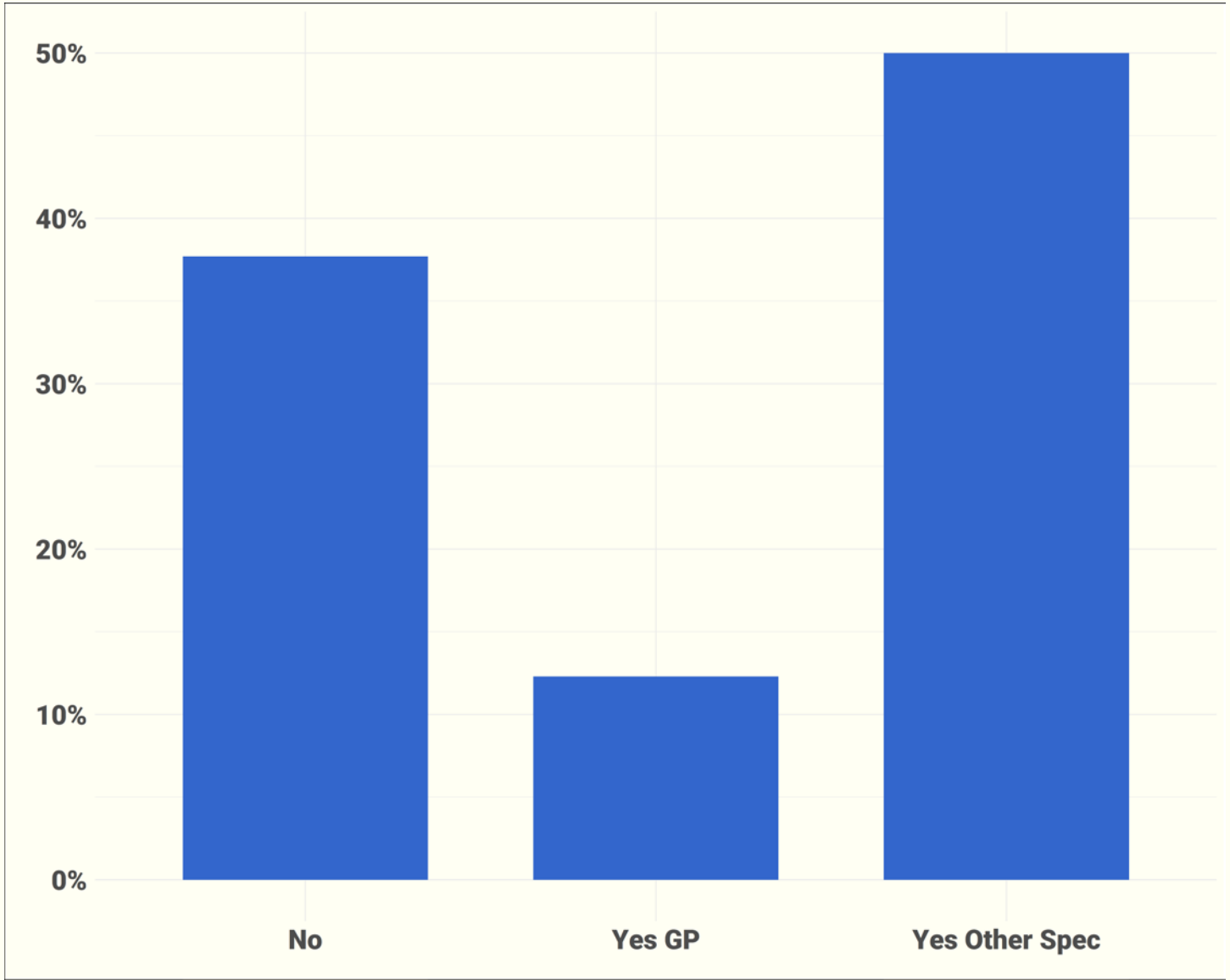
Self-Assessment: Procedures/Imaging

Adequately Prepared in Procedures/Imaging?	
Yes	56.1%
No	43.9%

Recommend the Specialty



Recommend the Specialty



Recommend the Specialty

Would NOT Recommend Nephrology

Recommend the Specialty

Would NOT Recommend Nephrology

Only Considered Nephrology

Recommend the Specialty

Would NOT Recommend Nephrology

Only Considered Nephrology **23%**

Recommend the Specialty

Would NOT Recommend Nephrology

Only Considered Nephrology **23%**

Considered Other Specialty

Recommend the Specialty

Would NOT Recommend Nephrology

Only Considered Nephrology **23%**

Considered Other Specialty **27%**

Next

2018 ASN Nephrology Fellow Survey

Encourage Participation

2018 ASN Nephrology Fellow Survey

Encourage Participation

Incentives

2018 ASN Nephrology Fellow Survey

Encourage Participation

Incentives

Extramural Research

2018 ASN Nephrology GME Census

Program Coordinators

2018 ASN Nephrology GME Census

Program Coordinators

NRMP

2018 ASN Nephrology GME Census

Program Coordinators

NRMP

ASN Nephrology GME Database

1 Data Gaps

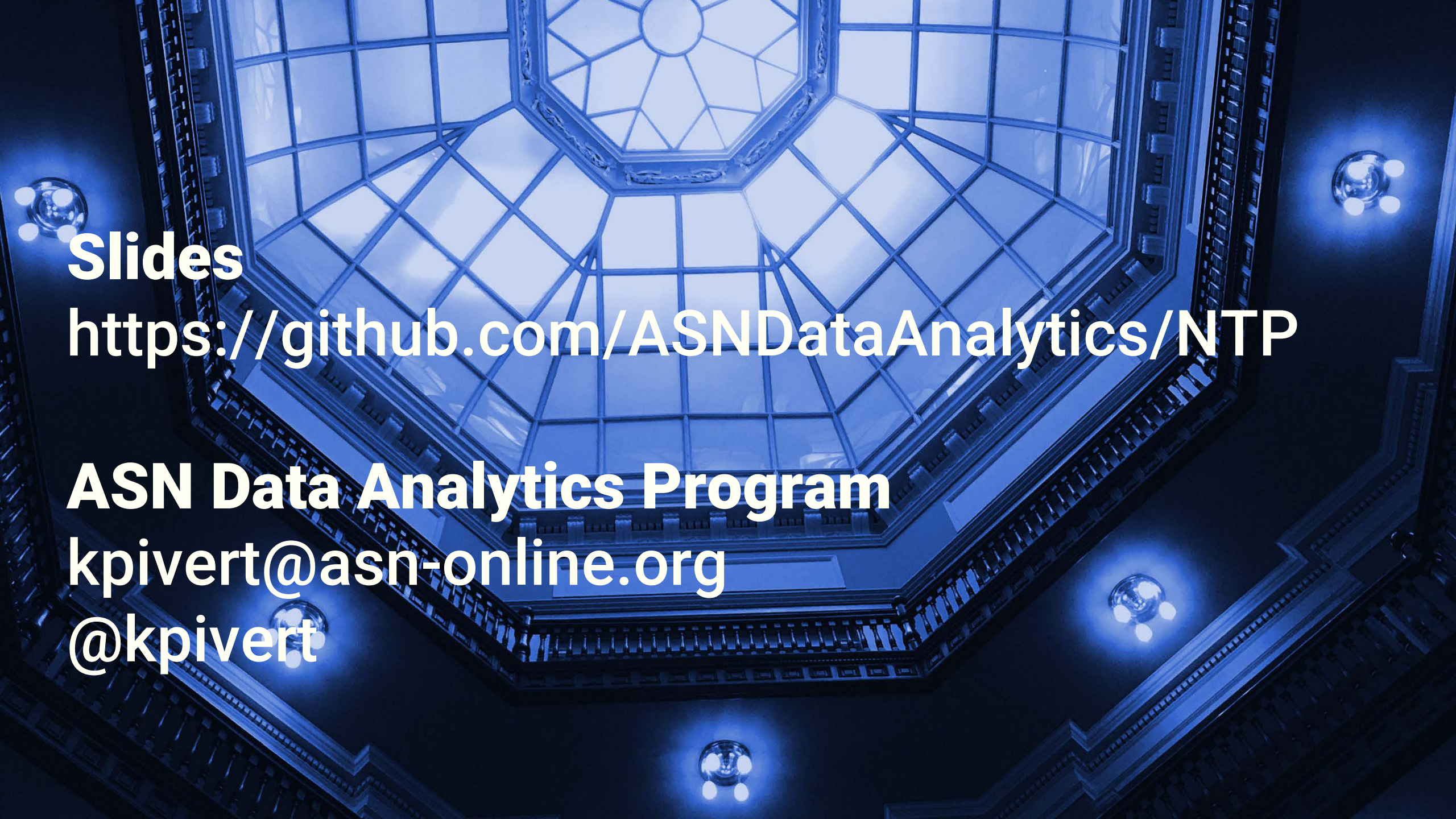
1 Data Gaps

2 Synthesize Data-Driven Insights

1 Data Gaps

2 Synthesize Data-Driven Insights

3 Actionable Approaches



Slides
https://github.com/ASNDataAnalytics/NTP

ASN Data Analytics Program
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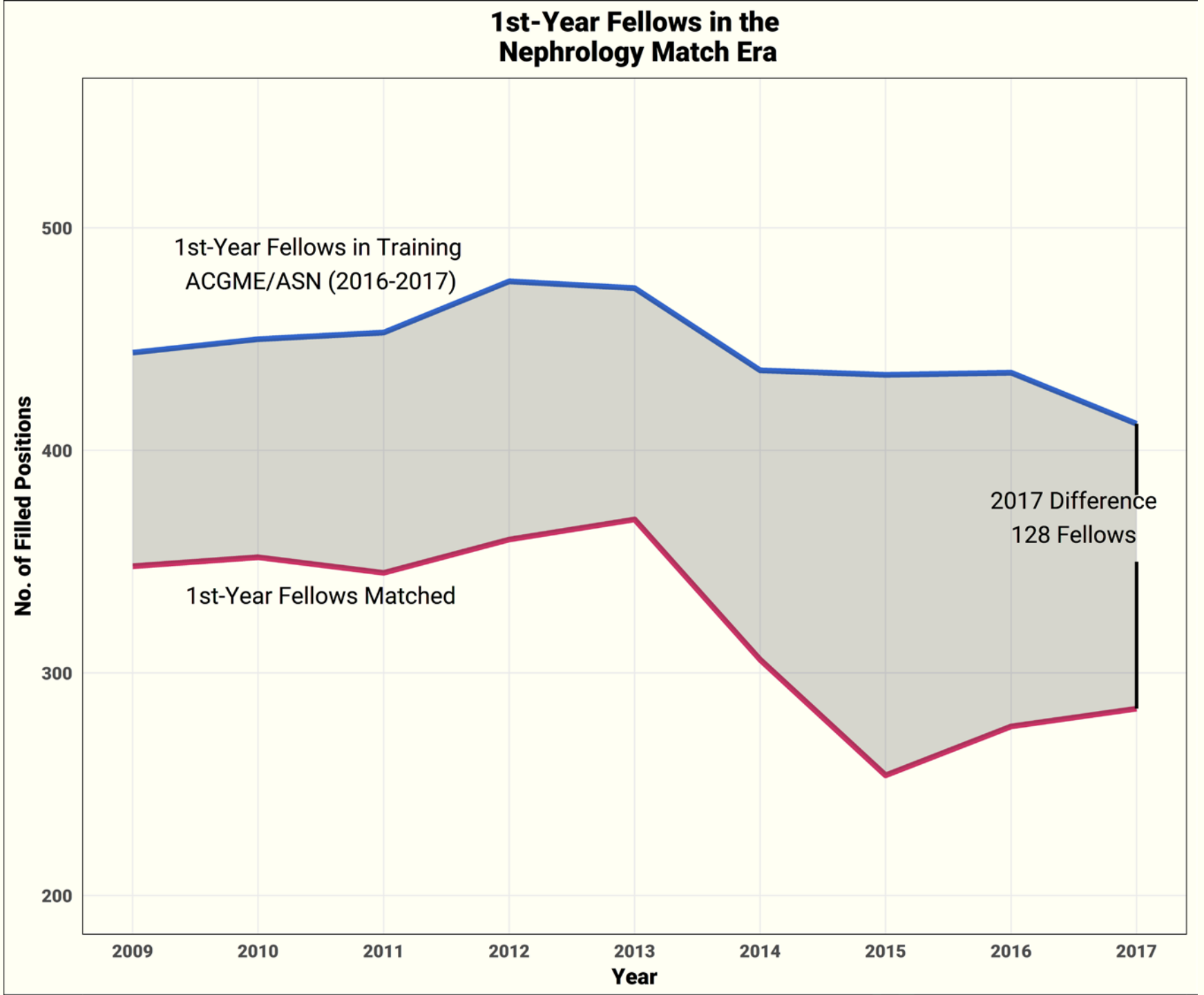
@kpivert


1st-Year Fellows in the
Nephrology Match Era
1st-Year Fellows in Training
ACGME/ASN (2016-2017)
1st-Year Fellows Matched
2017 Difference
128 Fellows
No. of Filled Positions
500
400
300
200
2009
2010
2011
2012
2013
2014
2015
2016
2017
Year

KIDNEY
INNOVATION ACCELERATOR