

# *Characteristics of the United States Neurointerventional Workforce*

# Characteristics of the United States Neurointerventional Workforce

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# Disclosures

Keshav Jayaraman - No disclosures

Stefan Santavicca - No disclosures

Danny R. Hughes - Harvey L. Neiman Health Policy Institute

Joshua A. Hirsch - Medtronic, Neiman Health Policy Institute, Persica, Relevant

Richard Duszak Jr. - Ethos Medical, Inc.

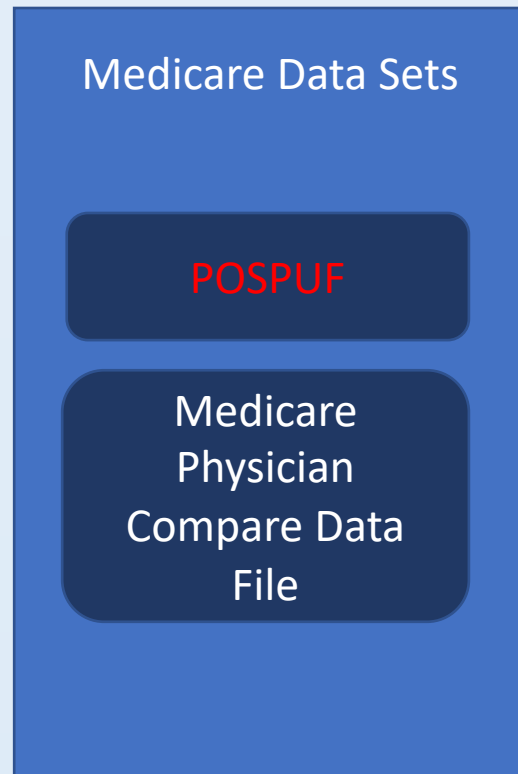
Arindam R. Chatterjee - No disclosures

# Purpose



# Methods

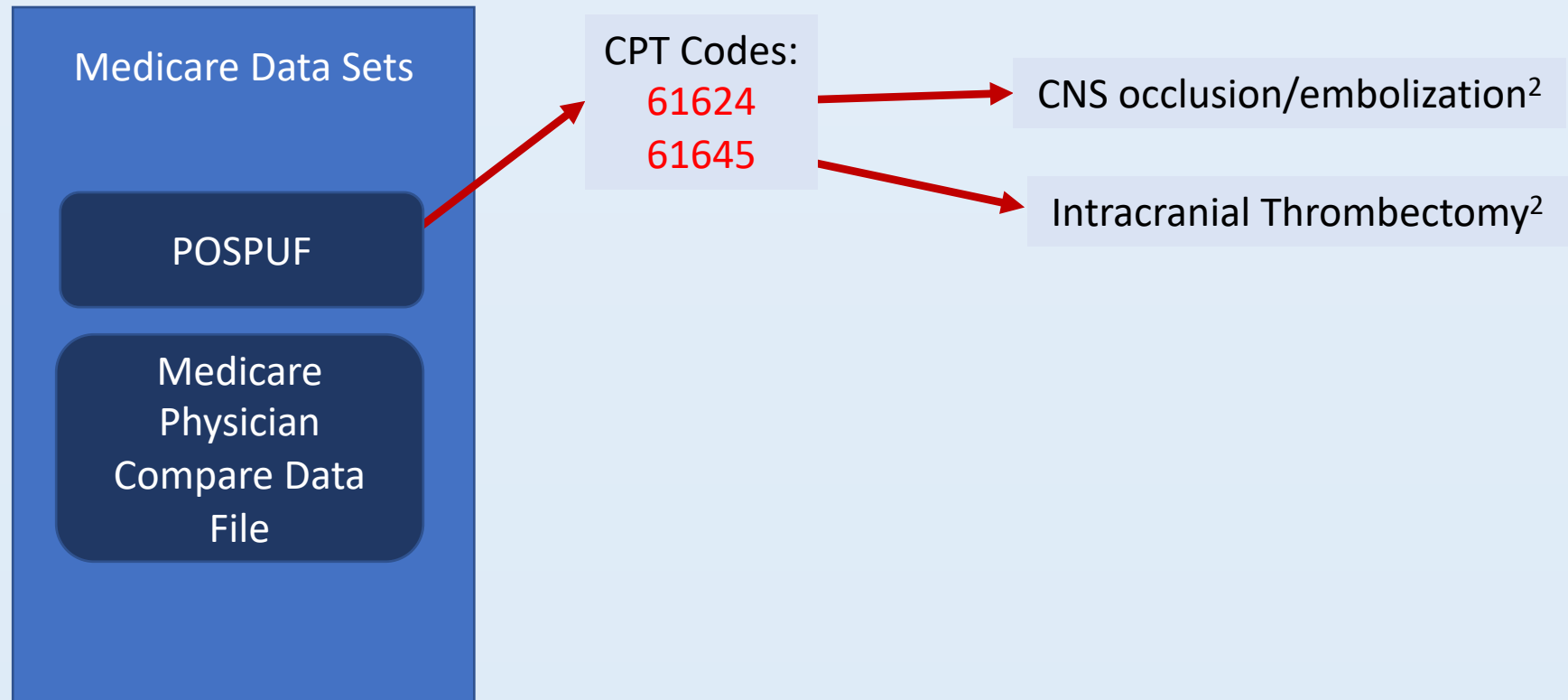
Using recent Medicare Physician and Supplier Public Use Files (**POSPUF**)<sup>3</sup>



POSPUF files for 2016 and 2017 were reviewed.

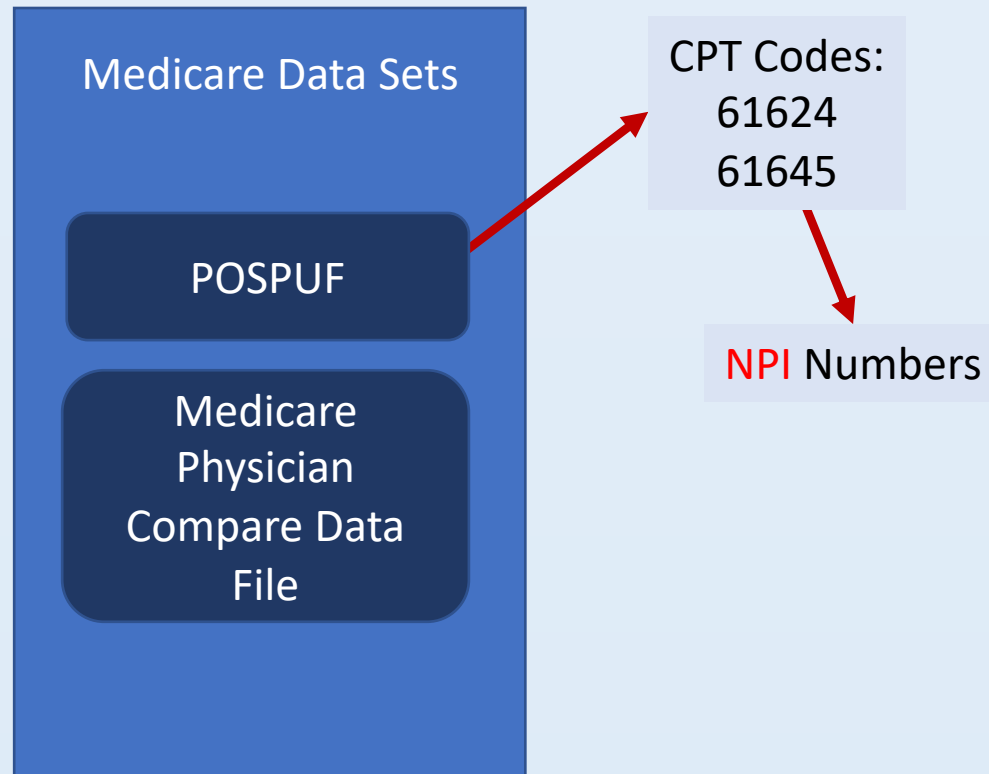
# Methods

We identified all providers with >10 claims for either CPT code **61624** (central nervous system occlusion/embolization) or **61645** (intracranial thrombectomy)



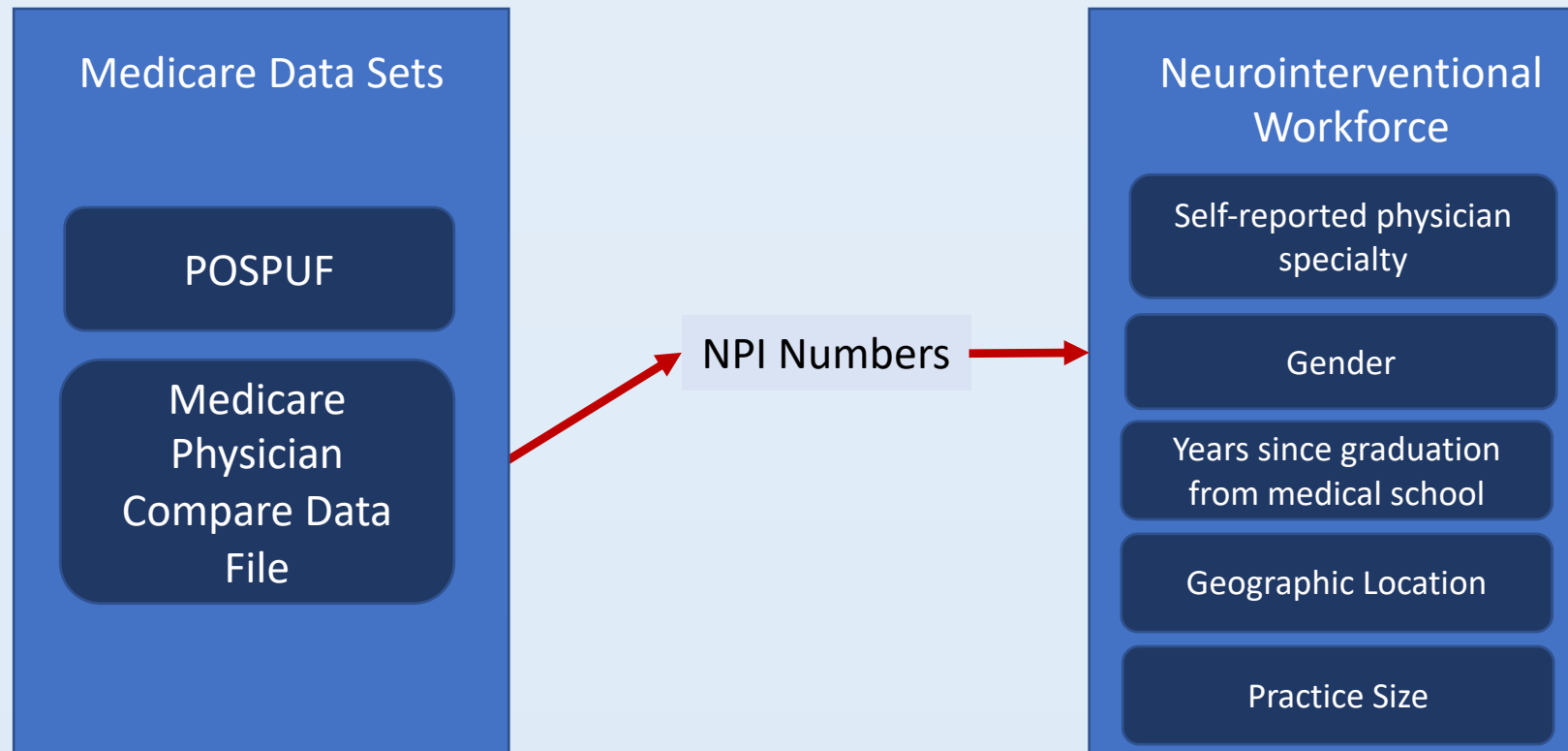
# Methods

National provider identification (**NPI**) numbers were linked to the Medicare Physician Compare Data File.



# Methods

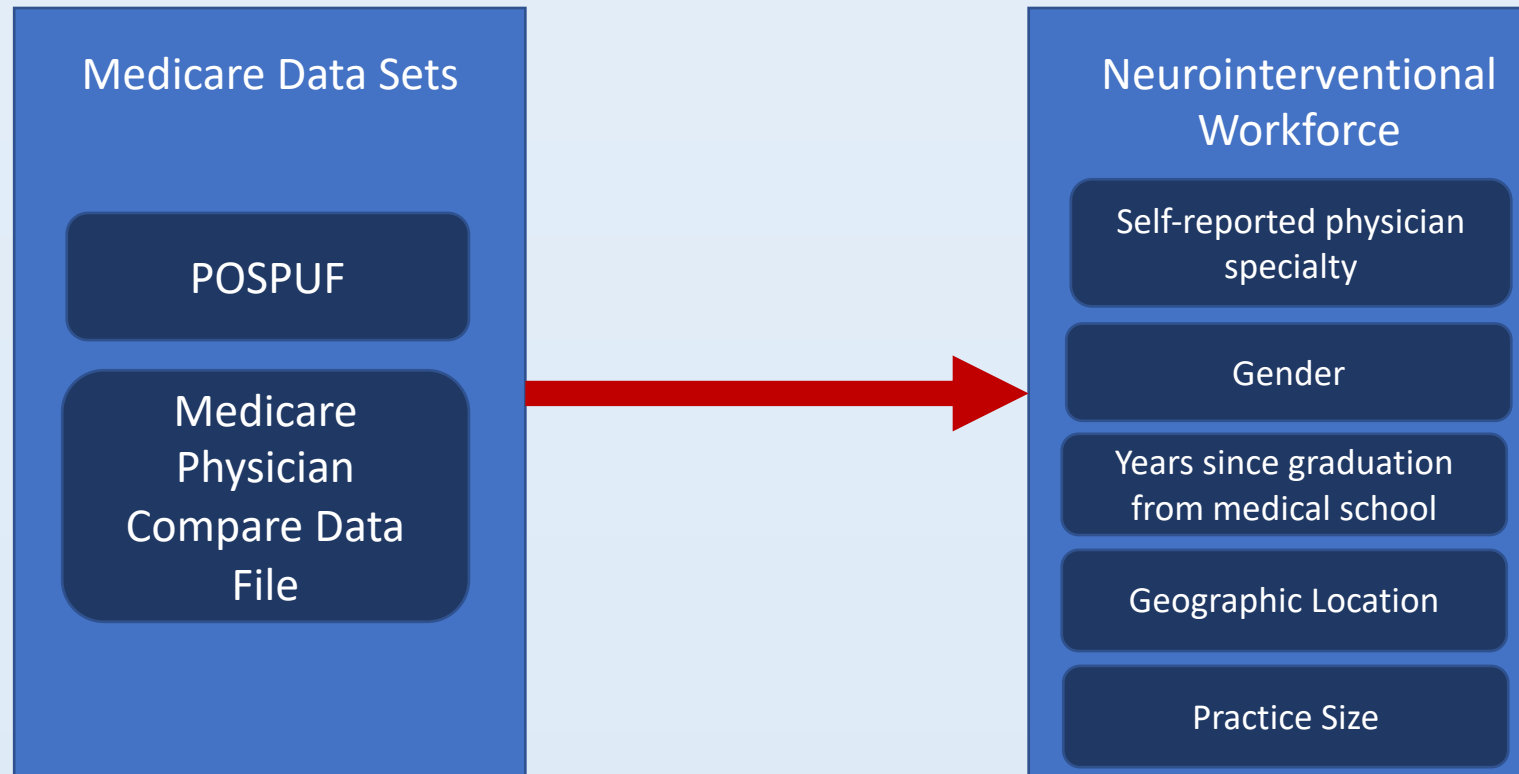
Workforce characteristics were extracted.





# Methods

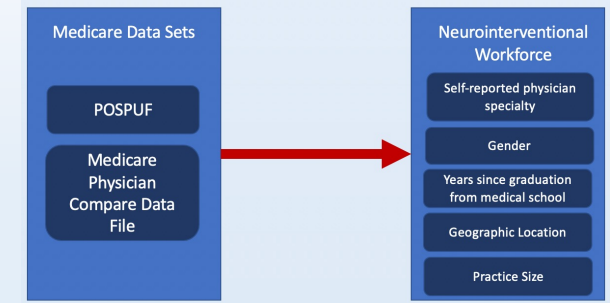
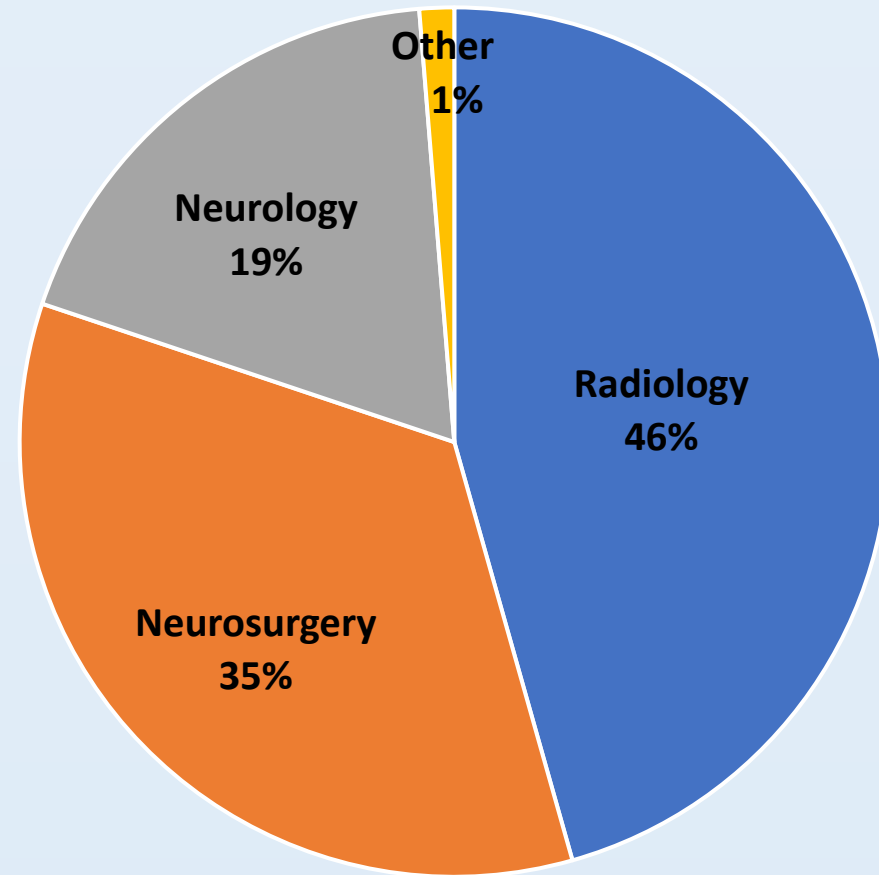
*Linking separate Medicare data sets, we aimed to study the diversity of the current US neurointerventional workforce by specialty, gender, practice experience and type, and geography.*



# Results

The self-reported specialties of 388 identified neurointerventional service providers were:

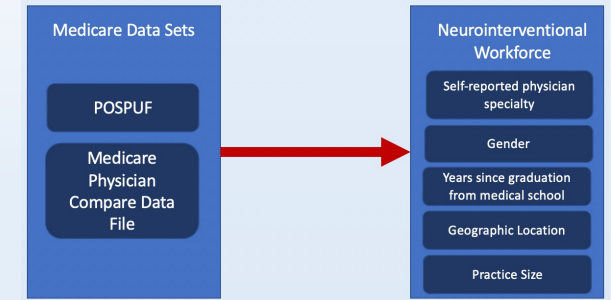
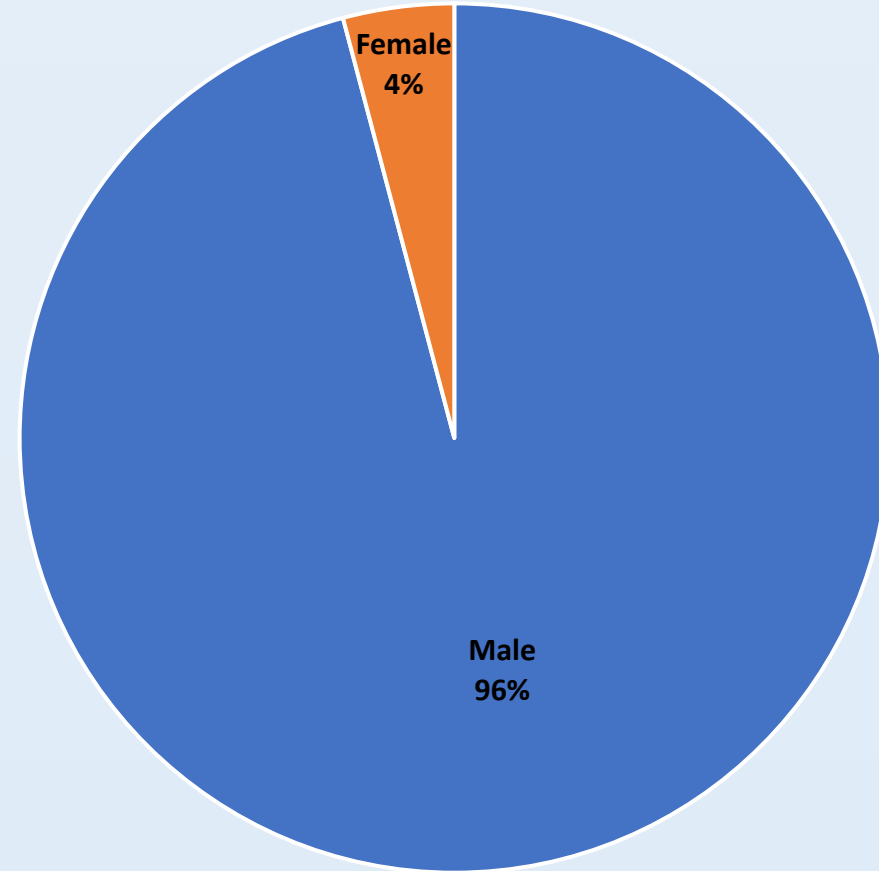
- Radiology (177, 46%)
- Neurosurgery (134, 35%)
- Neurology (72, 19%)
- Other (5, 1%).



2016, 2017

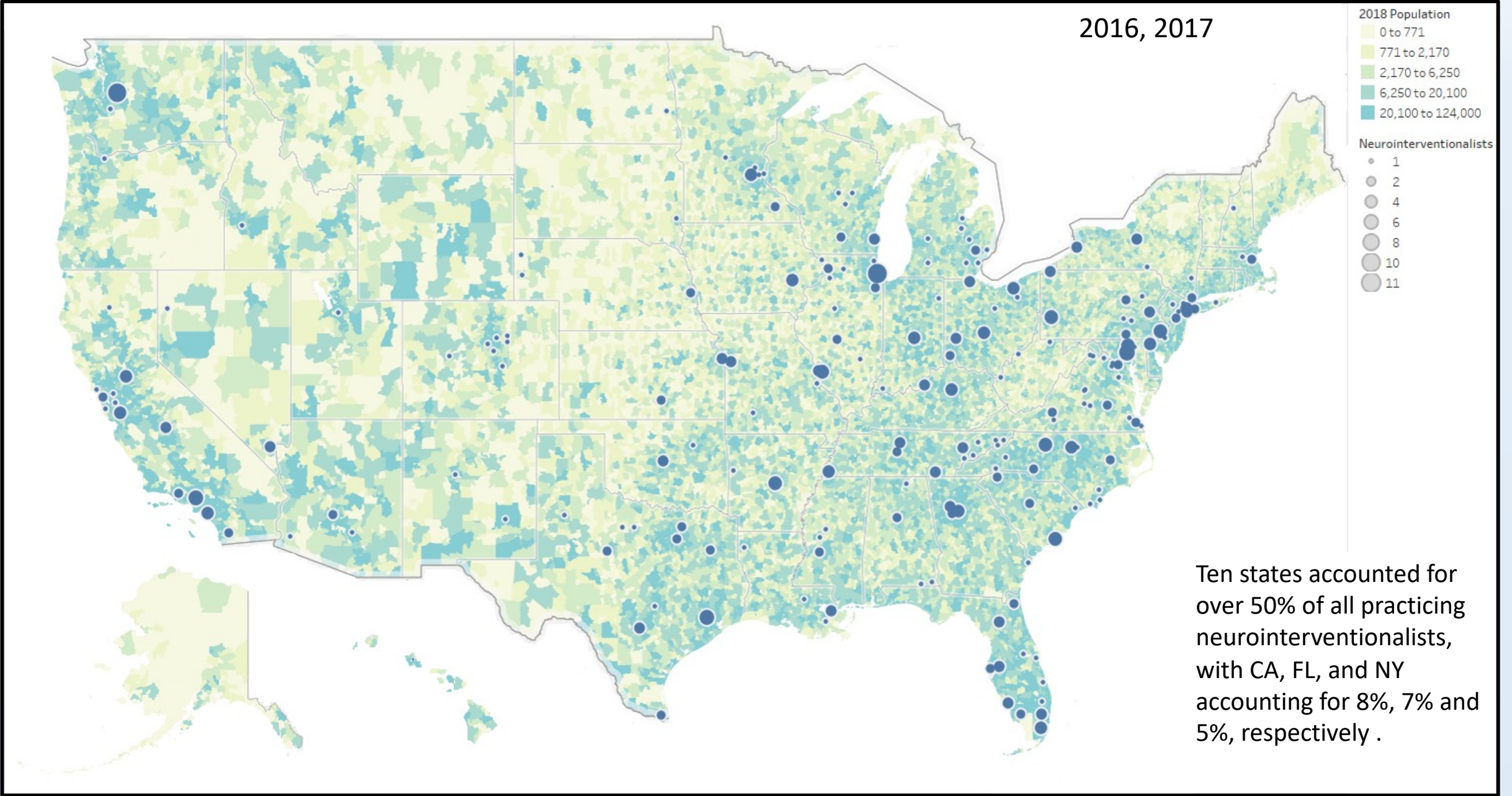
# Results

- Identified practicing neurointerventionalists were overwhelmingly male (372, 96%)
- Mean time from medical school graduation: 18 years.



2016, 2017

# Geographic Distribution of Neurointerventional Providers



# Conclusions

- Despite the growing role of neurointerventional service providers in contemporary neurovascular care<sup>1</sup>, fewer than 400 treat Medicare beneficiaries with frequency.
- Although the workforce is diverse by provider specialty, it is overwhelmingly male.

# References

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