

# THE CHANGING REPRESENTATION OF MEN AND WOMEN IN UNITED STATES MEDICAL RESIDENCIES FROM 2014-2022

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## RESEARCH QUESTION

How have gender trends in US medical residents changed from 2014 to 2022 across all specialties?

## BACKGROUND

Historically, women have been underrepresented in medicine. While there have been studies on gender trends in certain individual specialties, few studies have examined the overall trends in gender among all specialties for US-based medical residents. This study aims to fill this knowledge gap by examining gender trends in US medical residents from 2014 to 2022 across all specialties.

## METHODS

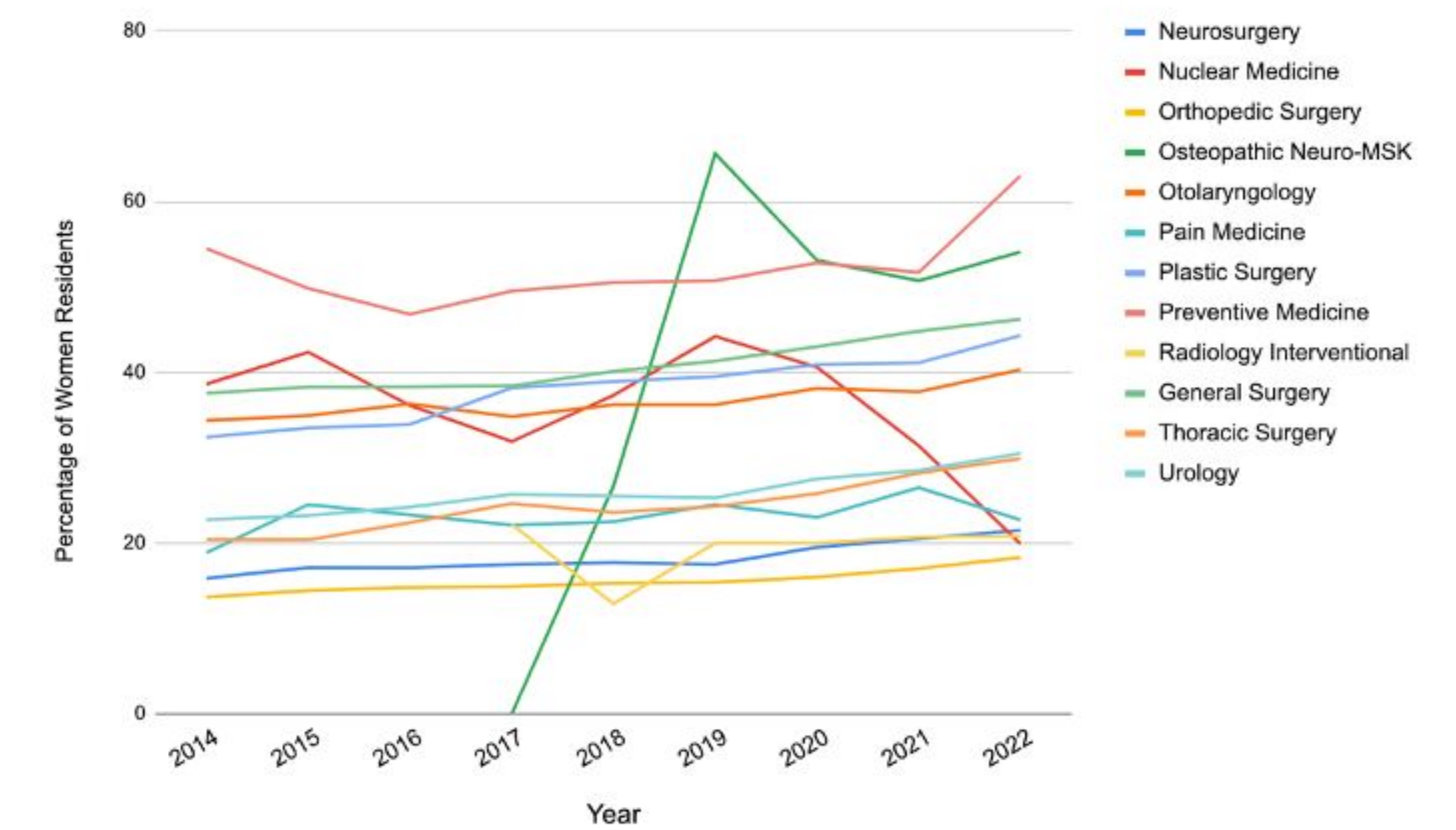
The data for this study were obtained from the Association of American Medical Colleges (AAMC) Report on Residents annual reports from 2014-2022. The number and proportion of men and women were recorded for each of the 32 primary residency choices. The gender distribution within each residency was then assessed and compared over the nine-year study period.

**This project aimed to analyze the change in gender trends in US residents from 2014-2022 across all specialties. It found that more women are in medical residencies in 2022 than in any other year during the study period. Over the past nine years, there has been a 2.37% average annual increase in the proportion of women in all surgical specialties. Furthermore, 62% of medical specialties have experienced an increase in the proportion of women filling residency slots in the past nine years.**

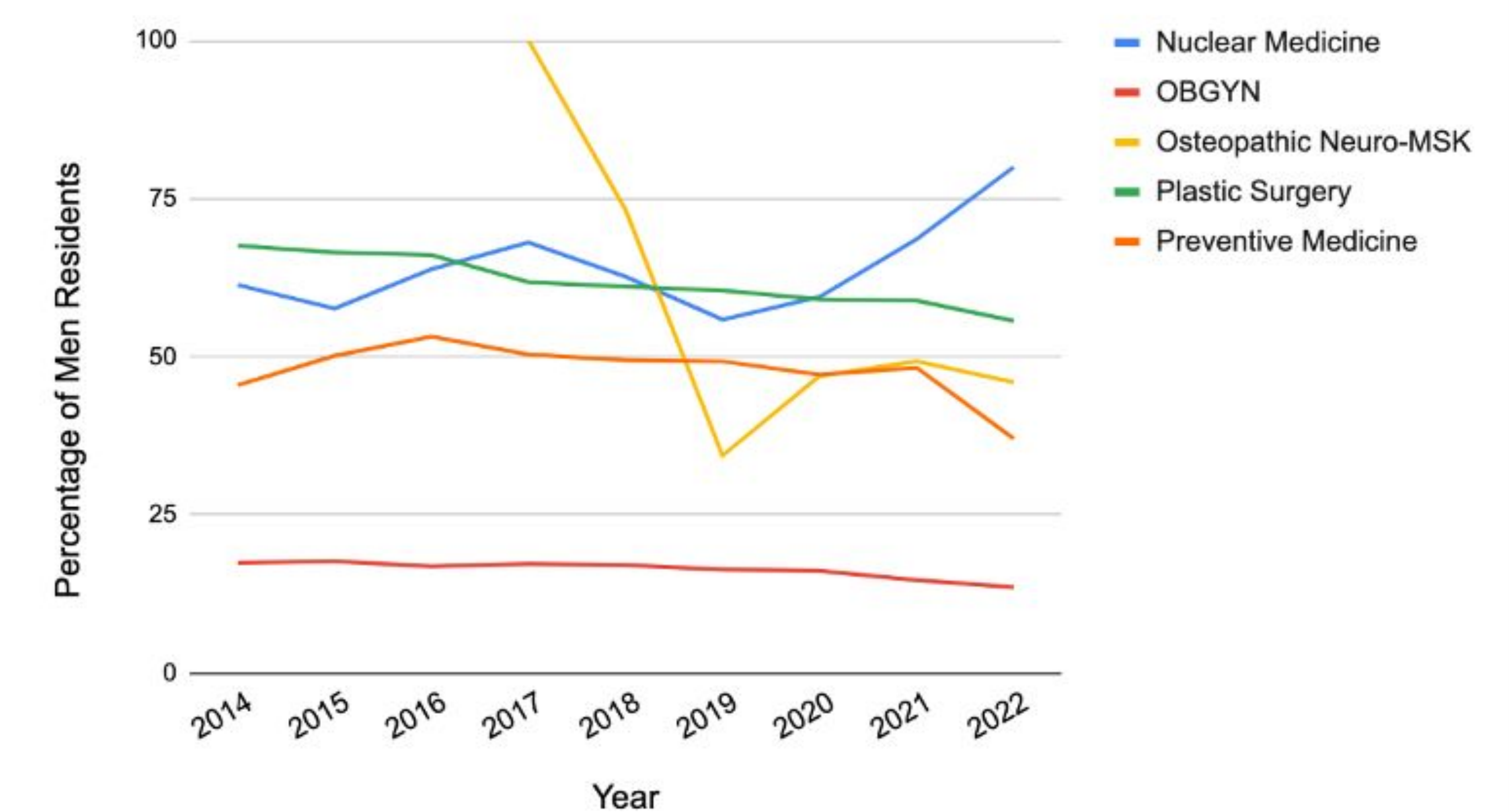


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## RESULTS



**Figure 1.** Percentage of women residents in specialties with rate of change greater than 2% per year in the United States, 2014-2022.



**Figure 2.** Percentage of men residents in specialties with rate of change greater than 2% per year in the United States, 2014-2022

## FUTURE DIRECTIONS

Our data was restricted to male and female categories, which oversimplifies the spectrum of gender identities. Future research should strive to include a broader range of gender identities to accurately reflect the diversity of medical residents.

## ACKNOWLEDGEMENTS

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