

Trends and Disparities in Aortic Valve Stenosis-Related Mortality Among Older Adults in the United States from 1999 to 2023

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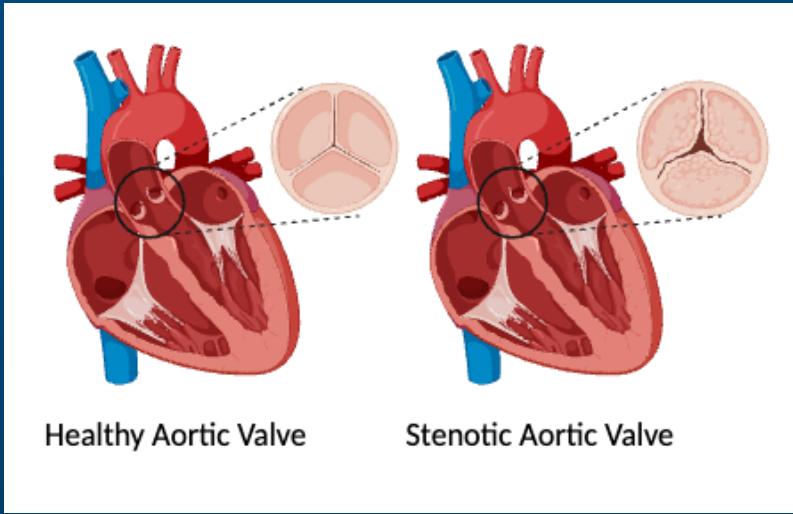


Disclosure of Relevant Financial Relationships

I, Aymen Ahmed, DO NOT have any financial relationships to disclose.

Within the prior 24 months, I have not had a financial relationship with a company producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients.

Background

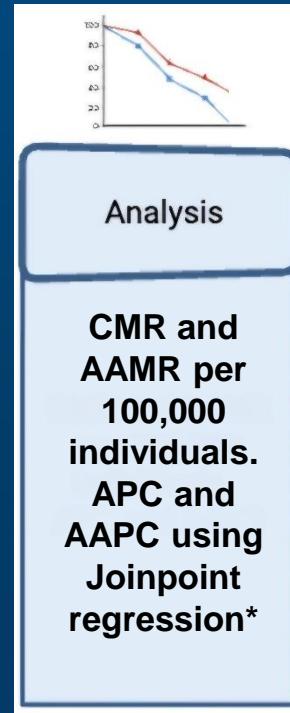


- Despite advances in its management, aortic stenosis (AS) remains a leading cause of cardiovascular death.
- Temporal mortality trends specifically among elderly patients remain poorly characterized.

Aim: To analyze trends and disparities in AS-related mortality among elderly patients in the US from 1999 to 2023.

Methodology

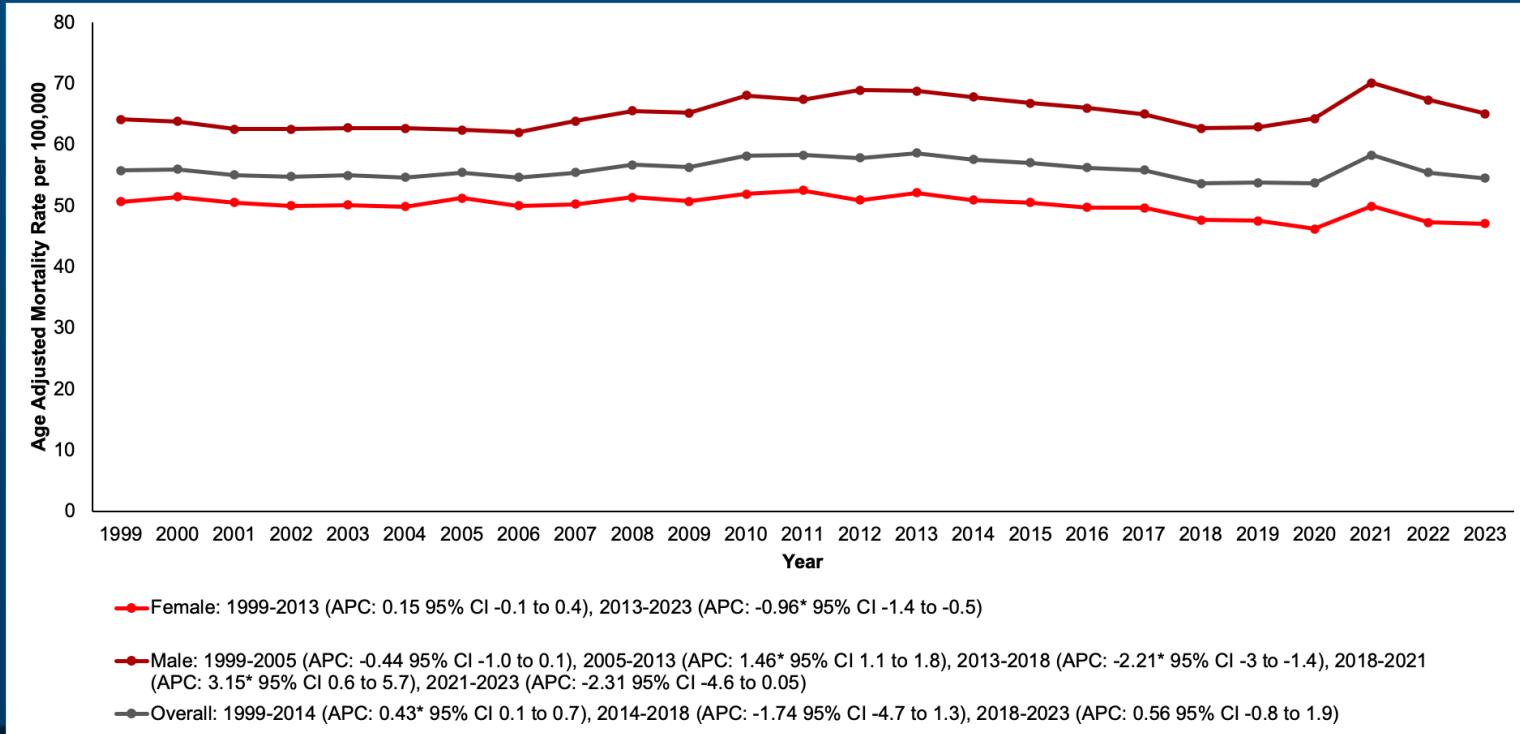
Centers for Disease Control and Prevention Wide-ranging Online Data for Epidemiologic Research (CDC WONDER) database
1999 - 2023



Results

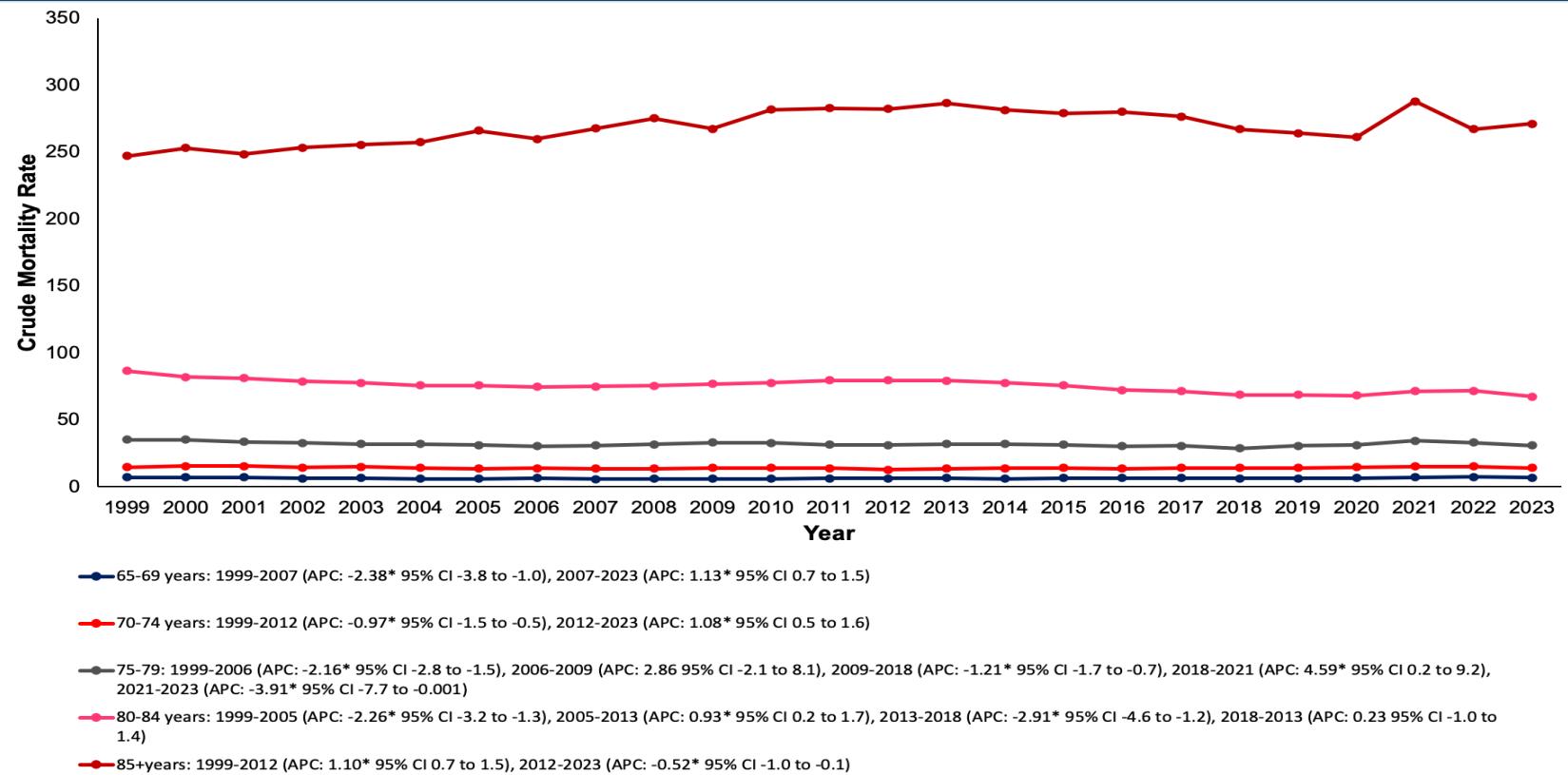
Overall & Gender-based Mortality Trends

A total of 608,508 deaths were recorded. Overall, AAMRs for AS-related mortality did not significantly decrease from 1999 (55.74) to 2023 (54.49) (AAPC 0.1, p = 0.7).



Results

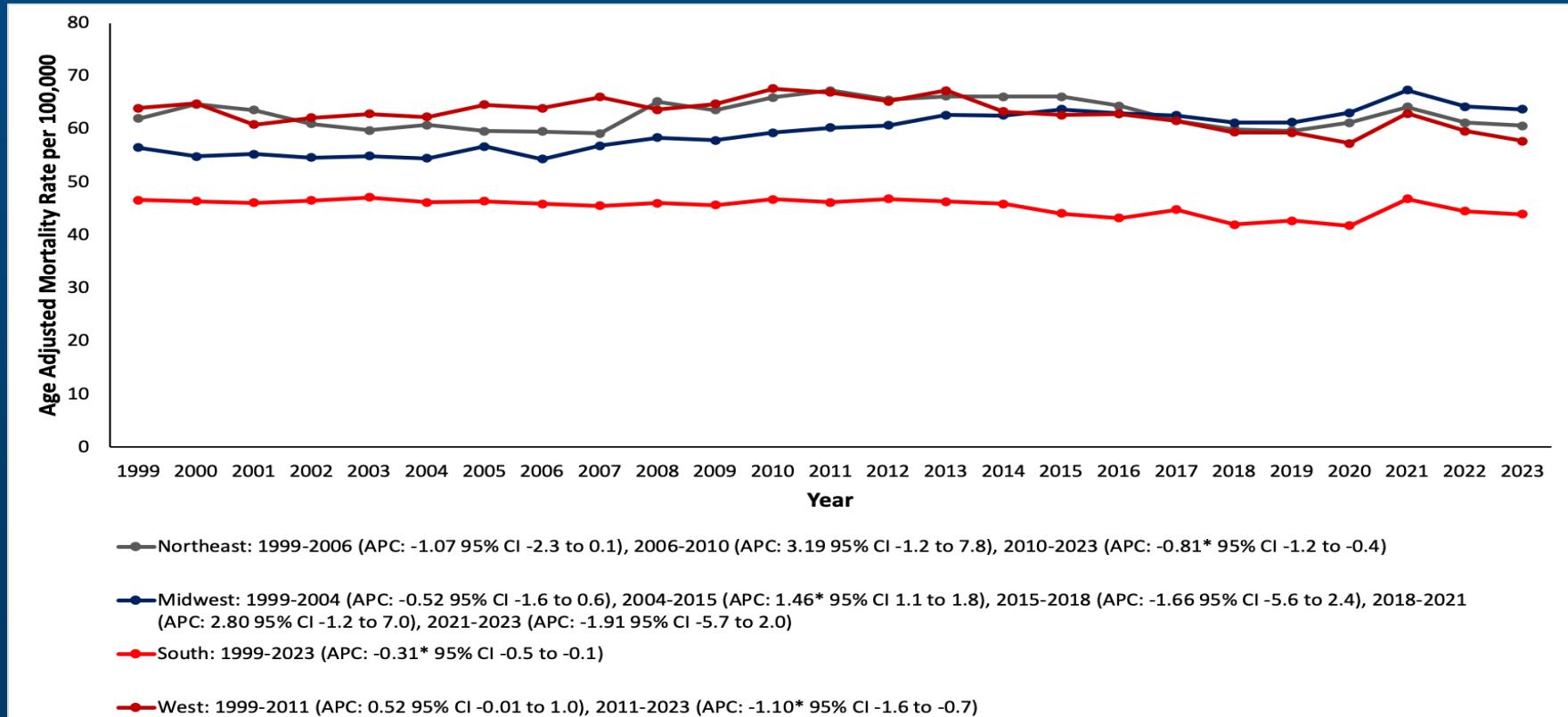
Age-based Mortality Trends



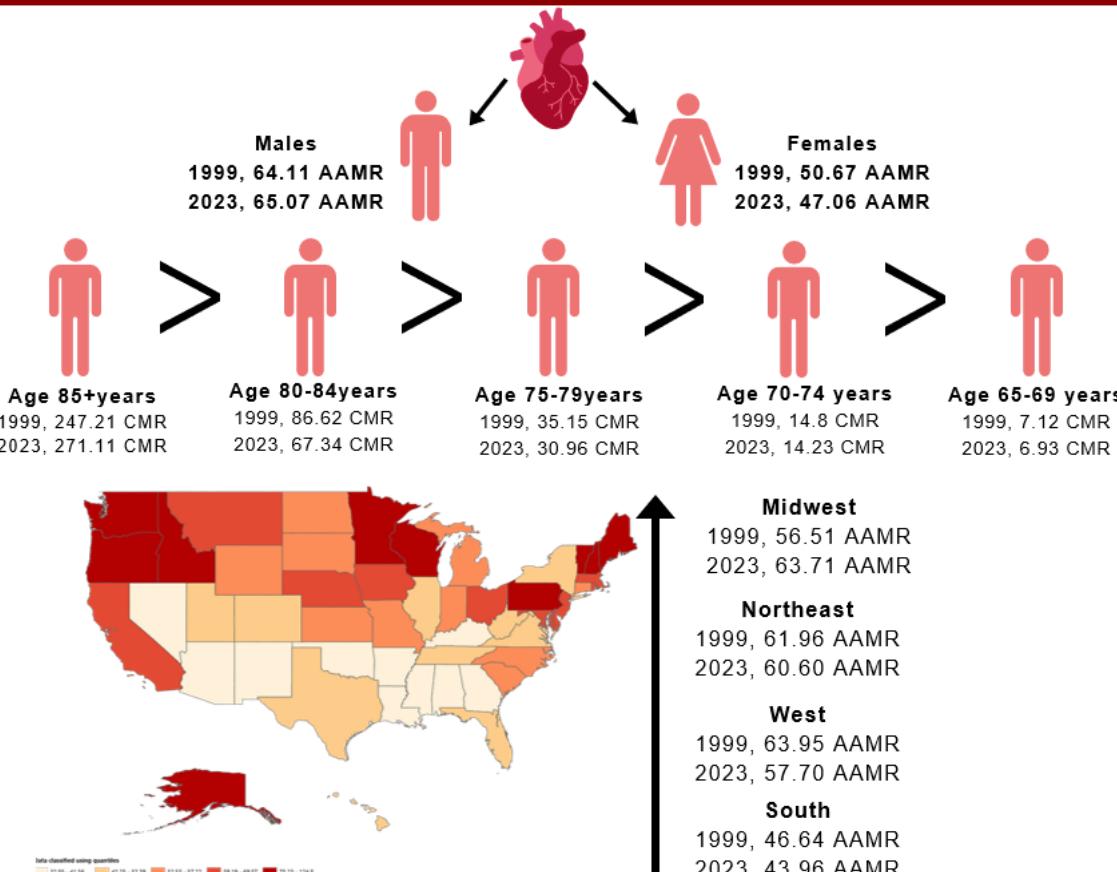
X: @ECCORE

Results

Regional Mortality Trends



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Conclusion

- AVS-related mortality has remained largely unchanged over recent years, despite substantial progress in diagnostic and therapeutic approaches.
- Pronounced demographic and regional disparities persist, underscoring the need for further investigation and the development of targeted, evidence-based interventions.

Thank you!