

BEYOND LYMPHOMA: COMPETING CAUSES OF DEATH AND MORTALITY DISPARITIES IN HODGKIN AND NON-HODGKIN LYMPHOMA IN THE UNITED STATES, 1999-2020

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INTRODUCTION

Competing causes of mortality and survivorship inequities are gaining importance

National trends in lymphoma-related mortality are incompletely characterized.

AIM

To evaluate temporal trends and demographic disparities in Hodgkin lymphoma (HL) and non-Hodgkin lymphoma (NHL) mortality in the United State using CDC WONDER Multiple Cause of Death database

METHOD

- Retrospective population-based analysis from 1999 to 2020.
- HL and NHL-related deaths identified using ICD-10 codes
- Mortality patterns analyzed by subtype, sex, race, and 10-year age groups
- Descriptive statistics and temporal trend analyses

CONCLUSIONS

- HL mortality improving, notably in younger patients
- NHL mortality remains significant, with steady mortality trends in older adults.
- Findings highlight importance of survivorship-oriented care, geriatric oncology, and targeted approaches to address demographic disparities in lymphoma outcomes.

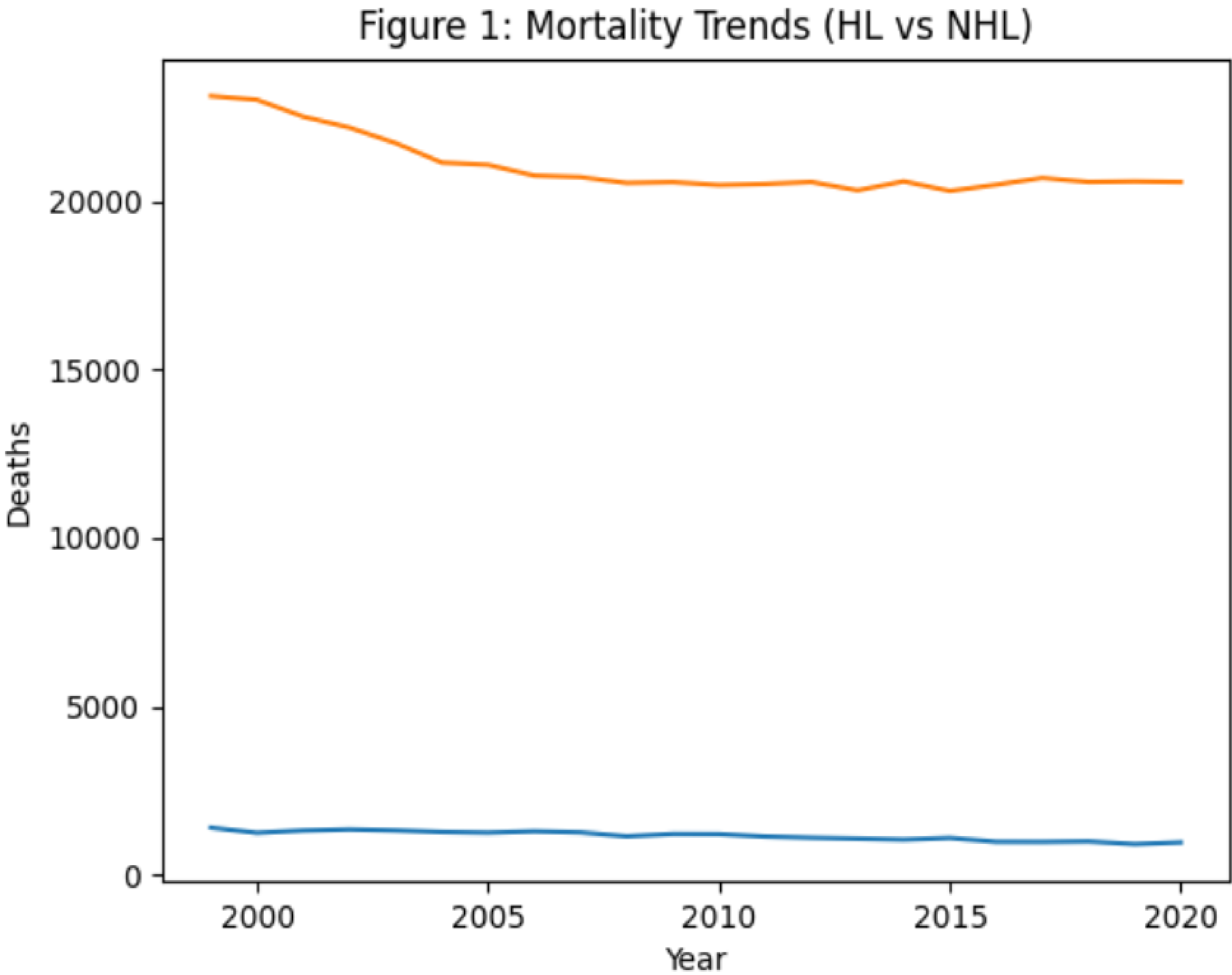
RESULTS

- Over 570,000 lymphoma-related deaths (NHL >90%) during study period

Table 1. Baseline Characteristics and Key Mortality Findings

Characteristic	Hodgkin Lymphoma	Non-Hodgkin Lymphoma
Deaths in 1999	1,403	23,125
Deaths in 2020	966	20,568
Overall trend	Consistent decline	Decline followed by plateau
Male (%)	57%	55%
White (%)	89%	91%
Peak mortality age	70–79 years	75–84 years
Predominant age group	Older adults	≥65 years

Figure 1: Mortality Trends (HL vs NHL)



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