## BACKGROUND:

- Non-Alcoholic Liver Disease (NAFLD) is becoming progressively more prevalent as obesity and DM ris The massive burden of disease owing to NAFLD has necessitated an effort to understand better the epidemiological, history, and progression of the disease
We aim to review and analyze these health disparities and trends over the last decade.


## methods

- We conducted a retrospective review on NIS years 2008-2018
International classification of disease (ICD) codes identified variables, including NAFLD - Chi-square test, logistic, and multivariate analysis was performed to analyze comparisons and find odds ratios.


## RESULTS

A total of 2,473,982 NAFLD patients are included in this analysis, out of which 234,533 survived, and 2,239,449 had died over the ten years Females had a higher percentage of NAFLD that both survived ( $56 \%$ vs. $44 \%$ p<0.05) and died ( $54 \%$ vs. $46 \%$ p $<0.05$ ) compared to males. Females also had decreased odds of mortality compared to males had decreased odds of mortality compared to males
[0.94 (0.89-0.96) p<0.05]. Trends over ten years showed that both Whites and females had a decreasing mortality rate over the decade as seen in Figure 1 and 2 respectively.

Whites and females have higher rates of prevalence and mortality, while females and Hispanics were both found to have lower odds of mortality. Concomitant comorbidities play a significant role in mortality in this patient population, as does teaching versus non-teaching hospital admission. These findings can help us better educate our scientists, physicians, and leaders to improve care in this population.


