**Supplementary Table 1 -** List of excluded studies and reasons for exclusion. (n=14)

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| --- | --- | --- | --- |
| Study title | Author | Reason for exclusion | Year |
| Improved survival of young adults with cancer following the passage of the affordable care act. | Roth(1) | Did not assess survival outcomes | 2022 |
| Patterns of cancer care and association with survival among younger adolescents and young adults: A population-based retrospective cohort study. | Collins(2) | Did not assess survival outcomes | 2021 |
| Residence in a Hispanic enclave is associated with inferior overall survival among children with acute lymphoblastic leukemia. | Schraw(3) | Did not assess survival outcomes | 2021 |
| Disparities in cancer survival among adolescents and young adults: A population-based study of 88 000 patients. | Murphy(4) | Did not assess survival outcomes | 2021 |
| A U.S. population-based study of insurance disparities in cancer survival among adolescents and young adults. | Colton(5) | Did not assess survival outcomes | 2019 |
| Survival among children diagnosed with acute lymphoblastic leukemia in the United States, by race and age, 2001 to 2009: Findings from the CONCORD-2 study. | Tai(6) | Did not assess survival outcomes | 2018 |
| Effects of socioeconomic status on children with well-differentiated thyroid cancer. | Garner(7) | Did not assess survival outcomes | 2017 |
| Socioeconomic Factors Impact Inpatient Mortality in Pediatric Lymphoma Patients | Puckett(8) | Did not assess survival outcomes | 2016 |
| An examination of parenting capacity variables and child adjustment outcomes across socioeconomic level in pediatric cancer. | Ryan(9) | Did not assess survival outcomes | 2013 |
| Association between insurance and socioeconomic status and risk of advanced stage Hodgkin lymphoma in adolescents and young adults. | Smith(10) | Did not assess survival outcomes | 2012 |
| Magnetic field exposure and long-term survival among children with leukemia. | Foliart(11) | Did not assess survival outcomes | 2006 |
| Health disparities among Tennessee pediatric renal tumor patients. | Neuzil(12) | Exploring the correlation between cancer and race. | 2020 |
| Does socioeconomic status account for racial and ethnic disparities in childhood cancer survival? | Kehm(13) | Exploring the correlation between cancer and race. | 2018 |
| Geographic access to cancer care and mortality among adolescents. | Tai(14) | Exploring the correlation between cancer and geographic location. | 2018 |
| Insurance Status and Risk of Cancer Mortality Among  Adolescents and Young Adults | Rosenberg(15) | Study was not stratified according to cancer type | 2014 |

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A diagram of a company

Description automatically generatedA diagram of a test

Description automatically generated with medium confidence

A

B

**Supplementary Figure 1 – A.** Flowchart of studies included in the systematic review and meta-analysis. **B.** Risk of bias assessment of each study according to the Joanna Briggs Institute (JBI) Critical Appraisal Checklist for Analytical Cross-Sectional Studies.

A screenshot of a graph

Description automatically generated **Supplementary Figure 2:** Pooled hazard ratios for cancer-specific survival according to nSES association in children and AYA with hematological malignancies**.**