

RESEARCH BASED TEMPLATE

Submissions must not exceed 300 words (excluding title & authors). The document **must not** be password protected or saved as read only as this may result in your abstract failing to upload successfully. Use Arial 12 point type only. Please structure your submission using the subheadings below. If the abstract does not fit the headings, please put full abstract beneath introduction and we will remove the headings once submitted.

The global prevalence of gender and sexuality diversity in adolescents: a systematic review (264/300 words)

Authors:

Tee, E^{1,2}, Berger M^{2,3}, Cheng H^{1,2}, South A⁴, Josifovski N⁴, Marino JL^{2,5}, Kohn M⁶, Bista S⁴, Werner-Seidler A⁴, Davies C^{2,7}, Skinner SR^{1,2}

¹ The Children's Hospital at Westmead, NSW, Australia

² Specialty of Child and Adolescent Health, Faculty of Medicine and Health, The University of Sydney, NSW, Australia

³ Office of the Chief Health Medical Officer, Vancouver Coastal Health, Vancouver, BC, Canada

⁴ Black Dog Institute, UNSW Sydney, NSW Australia

⁵ Centre for Adolescent Health, Murdoch Children's Research Institute, Parkville, VIC, Australia

⁶ School of Medicine, Western Sydney University, NSW Australia

⁷ School of Social Sciences, Western Sydney University, NSW Australia

Background:

Understanding the global prevalence of gender and sexuality diversity among adolescents is critical for health service planning and policy. However, prevalence estimates vary widely due to methodological, cultural, and terminology differences. With advances in methodology and greater societal recognition of gender and sexuality diversity in recent years, this systematic review focuses on studies from 2015 onwards to provide a contemporary prevalence estimate of gender and sexuality diversity among adolescents.

Methods:

Seven databases (MEDLINE, Scopus, Embase, Web of Science, CINAHL, PsycINFO and Global Health) were searched for studies published between 2015 and 2025. Observational studies that reported prevalence estimates for gender and/or sexuality diversity in at least 100 participants aged 10 to 19 years were eligible. Studies are independently screened by two reviewers using Covidence. Grey literature will be identified through Google Scholar and expert consultation. Quality assessment will use the Joanna Briggs Institute checklist, and meta-analysis will be conducted where appropriate.

Results:

Database searches yielded 13,568 records after duplicates were removed. Title and abstract screening is 50% complete. Full-text review, data extraction, and quality assessment are planned for 2026. Our preliminary assessment of search results shows significant variation in methodological approaches across studies. We anticipate that findings may be limited by inconsistent reporting of gender and sexuality diversity across countries, influenced by local sociocultural and legal contexts.

RESEARCH BASED TEMPLATE

Submissions must not exceed 300 words (excluding title & authors). The document **must not** be password protected or saved as read only as this may result in your abstract failing to upload successfully. Use Arial 12 point type only. Please structure your submission using the subheadings below. If the abstract does not fit the headings, please put full abstract beneath introduction and we will remove the headings once submitted.

Conclusion:

While several countries report national prevalence estimates of gender and sexuality diversity in adolescence, no global synthesis exists. This review will establish international estimates of gender and sexuality diversity among adolescents, providing critical evidence to inform equitable policy, service planning, and adolescent health research worldwide.

Disclosure of Interest Statement:

The authors declare no conflicts of interest.