39 additional articles from citations and reports

591 articles from database search (after deduplication)

630 articles to be screened

206 full text retrieved and reviewed

97 articles included

109 articles excluded –

30 – No relevant hypotheses of cause

17 – Not a review

15 – No relevant outcomes (pregnancy or risk behaviour)

13 – Not published full text

12 – No comparison (time or exposed/unexposed)

9 – Not in Europe/HICs

7 – Not teenagers

6 – Outside relevant time period

424 articles excluded after screening of titles/abstracts