424 articles excluded after screening of titles/abstracts

109 articles excluded –

30 – No relevant hypotheses of cause

17 – Not a review

15 – No relevant outcomes (pregnancy or risk behav.)

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

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