

Appendix 2 – Data extraction framework

Main Category	Subcategory	Description
<i>Title</i>		
<i>Author</i>		
<i>Lead author</i>		Indicate where the lead author is based (we will determine if a lead author is African or non-African by the institutional affiliation of the author)
<i>Country of Study's focus</i>		
<i>Author country affiliations</i>		
	Country of first author	the country where the lead author is affiliated
	Country of last author	the country where the last author is affiliated
	First or Last author is from country of focus	This is a yes/no indication based on the previous data
	Includes at least one author from country of focus	Indicate if at least one author is based
<i>Number of Countries</i>		This only applies if it is a multicounty study
<i>Author composition</i>		
	Single author	
	Multiple author	
<i>Journal</i>		
<i>Journal Coverage</i>		
	African/regional	
	National	
	International	
<i>Journal Impact factor</i>		
<i>Subregion</i>		
	East Africa	
	West/Central Africa	
	Southern Africa	
<i>Year of Publication</i>		
<i>Language</i>		
	English	
	French	
<i>Funders</i>		Indicate where the lead author is based (we will

	determine if a lead author is African or non-African by the institutional affiliation of the author)
<i>Collaboration type</i>	
Only authors from the country of focus	All authors come from the country of study and affiliated with a country institution
Authors include individuals from US top universities	Country of study authors plus US Top university authors (Top 20 USA universities - Webometrics)
Authors include individuals from US/Canada but not Top US university (only)	Country of study Plus US and Canada but not the top US universities
Authors include individuals from Europe	Country of study plus Europe
Authors include individuals from other Africa countries	Country of study plus Authors from a mixture of African countries.
Authors include individuals from multiple(more than 3 places) locales	Individuals from other locales other than the Country of study that can fit any other categories in 1-8
Authors include Asian	Country of study plus Asian
Authors include Australia	Country of Study plus Australia
<i>Thematic focus</i>	
If describing a problem	*Identify the problem in focus (eg, child marriage, unplanned pregnancy, risky sexual behaviors, abortion)
If an intervention study	
<i>Methodology</i>	
Study design	Specify the study design adopted (eg, cross-sectional design, case study, pre-study, poststudy design, longitudinal study, mixed methods, randomized control trial, qualitative study, review study)
Population	Describe the characteristics of the target population
Sampling Strategy	Describe how sampling was done if applicable
Data collection	Specify the methods of data collection

	Data type	Specify whether the data is primary, secondary, or otherwise
	Outcome measures	Indicate the outcome measures for quantitative studies
	Data analysis	Indicate method of data analysis
Results		
	Reported outcomes	Indicate the prevalence reported Highlight the determinants reported
	Key findings	Summarise the key findings
Conclusion		
		A summary of the conclusion
Limitations		
		A summary of the limitations
* Specific themes	Abortion, access and use of contraceptives, adolescent and youth-friendly services, comprehensive sexuality education, child marriage, creating safe spaces for adolescent girls, early and forced marriage, economic empowerment of girls, female genital mutilation, gender and sexual-based violence, gender norms, gender socialization, harmful cultural practices, HIV, HPV, media campaigns and large scale communications intervention, male circumcision, mentoring and positive role-modeling, menstrual hygiene, peer-focused interventions, partner-oriented intervention and promoting laws and policies on their implementation, sexual behavior and transactional sex, sexual initiation, sexual coercion, STIs, school-based interventions, and teenage pregnancy	