

Consolidated criteria for reporting qualitative studies (COREQ): 32-item checklist

No.	Item	Guide questions/description	Location in manuscript (Section- Page #; Line #)
Domain 1: Research team and reflexivity			
<i>Personal Characteristics</i>			
1.	Interviewer/facilitator	SRS	Methods- 5,6; 101, 116
2.	Credentials	SRS- MPH, MCom. All others- PhD	NA
3.	Occupation	SRS- PhD Student All others- Lecturer/Professor	Title Page
4.	Gender	SRS, JF, DWL, AV- Male RP, AM, DL- Female	N/A
5.	Experience and training	SRS have received his training in qualitative research during his bachelor and master's studies. All other researchers are academicians experienced in qualitative research in health sciences.	NA
<i>Relationship with participants</i>			
6.	Relationship established	No.	N/A
7.	Participant knowledge of the interviewer	Participants were made aware about the purpose of the study and the research team through "simple to understand" information sheet. Participants were provided the information sheet and after they thoroughly reviewed the sheet and/or verbally explained by the researcher, they were requested to provide written consent if they intended to participate in the study.	Method- 5; 94-98
8.	Interviewer characteristics	Interviewer's (SRS) qualification and experience were shared in the information sheet; All interviews and focus groups were done by the first author	NA Method- 5,6; 101,116
Domain 2: study design			
<i>Theoretical framework</i>			
9.	Methodological orientation and Theory	Systemic Intervention Methodology; Case study method; System Dynamics (Causal Loop Diagram); Social determinants of	Method- 4, 5; 45-62, 88, 104

	health framework; Framework approach for thematic analysis guided by the study framework	
<i>Participant selection</i>		
10. Sampling	Purposive	Method- 4,5; 65-86
11. Method of approach	Face-to-face; Email; Telephone	NA
12. Sample size	Key informant interviews: 63 Focus Group: 12 (5-10 participants per FG)	Method- 5,6; 101, 115
13. Non-participation	There was no drop out or refusal after agreeing to participate in the study. Only one key policy level participant working in Non-government sector did not agree to participate citing organizational reasons despite assuring him/her of confidentiality.	NA
<i>Setting</i>		
14. Setting of data collection	Data were collected in Nepal at policy, district and community levels. All key informant interviews were done in workplace; Focus group were conducted in communities either at Community halls or home of a participant	Method- 4,5; 65-86 NA
15. Presence of non-participants	No	NA
16. Description of sample	Data were collected from different levels: policy, district and community level involving multi-sector participants as well as community level participants. Where essential, local authorities were involved to identify the potential participants. For FGs, we selected one disadvantaged and one advantaged/mixed communities in each of the selected VDCs/municipalities	Method- 4,5; 65-86
<i>Data collection</i>		
17. Interview guide	The Interviews and FGs guidelines included semi-structured open ended questions reviewed by the research team. No piloting was done.	Method- 5; 88-92
18. Repeat interviews	No	NA
19. Audio/visual recording	The interviews and focus groups were audio recorded. Three interviewees did not consent to audio recording for personal reasons.	Method- 6; 106,120
20. Field notes	No	NA
21. Duration	The semi-structured interview ranged from 30-60 minutes; FGs ranged from 45-60 minutes	Method-5,6; 102,120

22. Data saturation	No. Data saturation was not considered as the study aimed to explore the range of stakeholder's perspective around the research question.	Method-5; 82-86
23. Transcripts returned	No	N/A
Domain 3: analysis and findings		
<i>Data analysis</i>		
24. Number of data coders	One: SRS	NA
25. Description of the coding tree	Coding and thematic analysis based on framework approach. The study framework guided the analysis.	Method- 6; 104-113, 121 Figure 1
26. Derivation of themes	Themes were derived from the data	Method-6; 104-113, 121
27. Software	Excel, Dedoose, Vensim	Method-6, 7; 109, 111, 138
28. Participant checking	Yes; Stakeholders validation was conducted at policy and district levels.	Method-7; 141-151
<i>Reporting</i>		
29. Quotations presented	Yes, themes were illustrated by presenting participants quotations. Due to confidentiality reasons, we have only identified the geographical location and level of the participants in the quotes.	Results- 7-12
30. Data and findings consistent	Yes. This paper is part of the broader study on the social determinants of NCDs and primarily reports only on the tobacco and alcohol use and NCDs.	NA
31. Clarity of major themes	Yes	Results- 7-13
32. Clarity of minor themes	Minority themes has not been extensively discussed.	NA