STROBE Statement—Checklist of items that should be included in reports of ***cross-sectional studies***

	Item No	Recommendation
Title and abstract	1	(*a*) Indicate the study's design with a commonly used term in the title or the abstract Indicated. (Abstract: Background)
		(*b*) Provide in the abstract an informative and balanced summary of what was done and what was found Provided (Abstract: Methods & Results).
Introduction		
Background/rationale	2	Explain the scientific background and rationale for the investigation being reported Provided (paragraphs 1-4).
Objectives	3	State specific objectives, including any prespecified hypotheses Provided (paragraph 4).
Methods		
Study design	4	Present key elements of study design early in the paper Provided (Study area section, first sentence).
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection All provided (Sections: Study area, Study population, Data collection).
Participants	6	(*a*) Give the eligibility criteria, and the sources and methods of selection of participants Provided (Section: Study population).
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable Provided (Section: Data analysis).
Data sources/ measurement	8*	For each variable of interest, give sources of data and details of methods of assessment (measurement). Describe comparability of assessment methods if there is more than one group Provided (Section: Data collection & questionnaire).
Bias	9	Describe any efforts to address potential sources of bias Provided (Section: Data collection) Interviewed and questionnaire administration was done by research assistants who had received adequate training on the administration of the questionnaire and on the purpose of the study.
Study size	10	Explain how the study size was arrived at Provided (Section: Study population). Sample size calculation was provided
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why Provided (Section: Data analysis).
Statistical methods	12	(*a*) Describe all statistical methods, including those used to control for confounding Provided (Section: Data analysis).
		(*b*) Describe any methods used to examine subgroups and interactions NA
		(*c*) Explain how missing data were addressed Provided (Section: Results). Incomplete data were excluded.
		(*d*) If applicable, describe analytical methods taking account of sampling strategy NA
		(*e*) Describe any sensitivity analyses NA
Results		
Participants	13*	(a) Report numbers of individuals at each stage of study—eg numbers potentially eligible, examined for eligibility, confirmed eligible, included in the study, completing

		follow-up, and analysed Considered first sub-section of Results.
		(b) Give reasons for non-participation at each stage Provided.
		(c) Consider use of a flow diagram NA
Descriptive data	14*	(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders Provided (Section: Results & Table 1)
		(b) Indicate number of participants with missing data for each variable of interest NA
Outcome data	15*	Report numbers of outcome events or summary measures Considered.
Main results	16	(*a*) Give unadjusted estimates and, if applicable, confounder-adjusted estimates and their precision (eg, 95% confidence interval). Make clear which confounders were adjusted for and why they were included Considered. Multivariate analysis description at end of data analysis section & Table 6
		(*b*) Report category boundaries when continuous variables were categorized NA
		(*c*) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period NA
Other analyses	17	Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses NA
Discussion		
Key results	18	Summarise key results with reference to study objectives Considered.
Limitations	19	Discuss limitations of the study, taking into account sources of potential bias or imprecision. Discuss both direction and magnitude of any potential bias Considered, end of discussion
Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence Considered.
Generalisability	21	Discuss the generalisability (external validity) of the study results Considered, end of discussion.
Other information		
Funding	22	Give the source of funding and the role of the funders for the present study and, if applicable, for the original study on which the present article is based NA

*Give information separately for exposed and unexposed groups.

Note: An Explanation and Elaboration article discusses each checklist item and gives methodological background and published examples of transparent reporting. The STROBE checklist is best used in conjunction with this article (freely available on the Web sites of PLoS Medicine at http://www.plosmedicine.org/, Annals of Internal Medicine at http://www.annals.org/, and Epidemiology at http://www.epidem.com/). Information on the STROBE Initiative is available at www.strobe-statement.org.