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

	Item No	Recommendation	Done
Title and abstract	1	(*a*) Indicate the study's design with a commonly used term in the title or the abstract	done
		(*b*) Provide in the abstract an informative and balanced summary of what was done and what was found	done
Introduction			
Background/rationale	2	Explain the scientific background and rationale for the investigation being reported	done
Objectives	3	State specific objectives, including any prespecified hypotheses	done
Methods			
Study design	4	Present key elements of study design early in the paper	done
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	done
Participants	6	(*a*) Give the eligibility criteria, and the sources and methods of selection of participants	done
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	not applicable
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	done
Bias	9	Describe any efforts to address potential sources of bias	not applicable
Study size	10	Explain how the study size was arrived at	done
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	not applicable
Statistical methods	12	(*a*) Describe all statistical methods, including those used to control for confounding	done
		(*b*) Describe any methods used to examine subgroups and interactions	done
		(*c*) Explain how missing data were addressed	not applicable
		(*d*) If applicable, describe analytical methods taking account of sampling strategy	not applicable
		(*e*) Describe any sensitivity analyses	not applicable
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	done
		(b) Give reasons for non-participation at each stage	not applicable
		(c) Consider use of a flow diagram	not applicable
Descriptive data	14*	(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders	done
		(b) Indicate number of participants with missing data for each variable	done

		of interest	
Outcome data	15*	Report numbers of outcome events or summary measures	done
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	not applicable
		(*b*) Report category boundaries when continuous variables were categorized	done
		(*c*) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period	not applicable
Other analyses	17	Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses	done
Discussion			
Key results	18	Summarise key results with reference to study objectives	done
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	done
Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	done
Generalisability	21	Discuss the generalisability (external validity) of the study results	done
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	done

*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.