

STROBE Statement—Checklist of items that should be included in reports of *cohort studies*

	Item No	Recommendation
Title and abstract YES	1	(a) Indicate the study’s design with a commonly used term in the title or the abstract <hr/> (b) Provide in the abstract an informative and balanced summary of what was done and what was found
Introduction		
Background/rationale YES	2	Explain the scientific background and rationale for the investigation being reported
Objectives YES	3	State specific objectives, including any prespecified hypotheses
Methods		
Study design Yes	4	Present key elements of study design early in the paper
Setting YES	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection
Participants YES	6	(a) Give the eligibility criteria, and the sources and methods of selection of participants. Describe methods of follow-up <hr/> (b) For matched studies, give matching criteria and number of exposed and unexposed
Variables YES	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable
Data sources/ measurement YES	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
Bias YES	9	Describe any efforts to address potential sources of bias
Study size YES	10	Explain how the study size was arrived at
Quantitative variables yes	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why
Statistical methods YES	12	(a) Describe all statistical methods, including those used to control for confounding <hr/> (b) Describe any methods used to examine subgroups and interactions <hr/> (c) Explain how missing data were addressed <hr/> (d) If applicable, explain how loss to follow-up was addressed <hr/> (e) Describe any sensitivity analyses
Results		
Participants YES	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 <hr/> (b) Give reasons for non-participation at each stage <hr/> (c) Consider use of a flow diagram
Descriptive data YES	14*	(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders <hr/> (b) Indicate number of participants with missing data for each variable of interest <hr/> (c) Summarise follow-up time (eg, average and total amount)
Outcome data YES	15*	Report numbers of outcome events or summary measures over time
Main results YES	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

		(b) Report category boundaries when continuous variables were categorized
		(c) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period
Other analyses	YES	17 Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses
Discussion		
Key results	YES	18 Summarise key results with reference to study objectives
Limitations	YES	19 Discuss limitations of the study, taking into account sources of potential bias or imprecision. Discuss both direction and magnitude of any potential bias
Interpretation	YES	20 Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence
Generalisability	YES	21 Discuss the generalisability (external validity) of the study results
Other information		
Funding	YES	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

*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 <http://www.strobe-statement.org>.