Section/item	ltem No	Recommendation	Reported on Page Number/Line Number	Reported on Section/Paragraph
Title and abstract	1	(a) Indicate the study's design with a commonly used term in the title or the abstract	Page1/Line5	title
		(b) Provide in the abstract an informative and balanced summary of what was done and what was found	Page2/Line7-20	Methods and Conclusions
Introduction				
Background/ rationale	2	Explain the scientific background and rationale for the investigation being reported	Page2/Line23 to page 3/Line 10	Introduction/Paragraph1-2
Objectives	3	State specific objectives, including any prespecified hypotheses	Page3/Line11-21	Introduction/Paragraph3
Methods				
Study design	4	Present key elements of study design early in the paper	Page2/Line23-32	Methods/Paragraph1-7
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	Page3/Line23 to Page5/Line8	Methods/Paragraph1-7
Participants	6	 (a) Cohort study – Give the eligibility criteria, and the sources and methods of selection of participants. Describe methods of follow-up Case-control study – Give the eligibility criteria, and the sources and methods of case ascertainment and control selection. Give the rationale for the choice of cases and controls Cross-sectional study – Give the eligibility criteria, and the sources and methods of selection of participants 	Page3/Line24	Methods/Paragraph1
		(b) Cohort study —For matched studies, give matching criteria and number of exposed and unexposed Case-control study —For matched studies, give matching criteria and the number of controls per case	Page3/Line25 to page4/line8	Methods/Paragraph1,2
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	Page3/Line25 to page7/line10	Methods/Paragraph1-11
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	Page3/Line25 to page7/line10	Methods/Paragraph1-11
Bias	9	Describe any efforts to address potential sources of bias	Page3/Line25 to	Methods/Paragraph1-6
Study size	10	Explain how the study size was arrived at	Page4/Line10	Methods/Paragraph3
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	Page3/Line25 to page4/line8	Methods/Paragraph1,2

STROBE Statement-checklist of items that should be included in reports of observational studies

12	(a) Describe all statistical methods, including those used to control for confounding	Page7/Line15 to	Statistical
	(b) Describe any methods used to examine subgroups and interactions	Page7/Line15 to	Statistical
	(c) Explain how missing data were addressed	Page7/Line15 to	Statistical
	(d) Cohort study —If applicable, explain how loss to follow-up was addressed Case-control study —If applicable, explain how matching of cases and controls was addressed Cross-sectional study —If applicable, describe analytical methods taking account of sampling strategy	Page7/Line15 to page8/line2	Statistical analysis/Paragraph1-2
	(e) Describe any sensitivity analyses	Page7/Line15 to	Statistical
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	Page8/Line5	Results/Paragraph1
	(b) Give reasons for non-participation at each stage	Page8/Line5	Results/Paragraph1
	(c) Consider use of a flow diagram	Page8/Line5	Results/Paragraph1
14*	(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders	Page8/Line5 to Page9/Line6	Results/Paragraph1-3
	(b) Indicate number of participants with missing data for each variable of interest	Page8/Line5 to	Results/Paragraph1-3
	(c) Cohort study —Summarise follow-up time (eg, average and total amount)	Page8/Line5 to	Results/Paragraph1-3
15*	Cohort study—Report numbers of outcome events or summary measures over time	Page8/Line5 to	Results/Paragraph1-3
	Case-control study – Report numbers in each exposure category, or summary measures of exposure	Page8/Line5 to	Results/Paragraph1-3
	Cross-sectional study – Report numbers of outcome events or summary measures	Page8/Line5 to	Results/Paragraph1-3
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	Page8/Line5 to Page9/Line6	Results/Paragraph1-3
	(b) Report category boundaries when continuous variables were categorized	Page8/Line5 to	Results/Paragraph1-3
	(c) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period	Page8/Line5 to	Results/Paragraph1-3
17	Report other analyses done-eg analyses of subgroups and interactions, and sensitivity analyses	Page8/Line5 to	Results/Paragraph1-3
18	Summarise key results with reference to study objectives	Page9/Line10	Discussion/Paragraph1
19	Discuss limitations of the study, taking into account sources of potential bias or imprecision. Discuss both direction	Page11/Line8	Discussion/Paragraph6
	13* 14* 15* 16 17 18	13* Cohort study – If applicable, explain how loss to follow-up was addressed Case-control study – If applicable, explain how loss to follow-up was addressed Case-control study – If applicable, explain how matching of cases and controls was addressed Case-control study – If applicable, explain how matching of cases and controls was addressed Case-control study – If applicable, explain how matching of cases and controls was addressed Case-control study – If applicable, describe analytical methods taking account of sampling strategy (e) Describe any sensitivity analyses 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 (b) Give reasons for non-participation at each stage (c) Consider use of a flow diagram 14* (a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders (b) Indicate number of participants with missing data for each variable of interest (c) Cohort study – Report numbers of outcome events or summary measures over time Case-control study – Report numbers of outcome events or summary measures of exposure Cross-sectional study – Report numbers of outcome events or summary measures 16 (a) Give unadjusted estimates and, if applicable, confounder-adjusted estimates and their precision (eg, 95% confidence interval). Make clear which confounders were a	Construction Construction Production Pro

Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	Page11/Line22	Discussion/Paragraph7			
Generalisability	21	Discuss the generalisability (external validity) of the study results	Page11/Line22	Discussion/Paragraph7			
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	Page11/Line31	Funding/Paragaph1			

*Give information separately for cases and controls in case-control studies and, if applicable, for exposed and unexposed groups in cohort and cross-sectional studies.

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.

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*As the checklist was provided upon initial submission, the page number/line number reported may be changed due to copyediting and may not be referable in the published version. In this case, the section/paragraph may be used as an alternative reference.