STROBE Statement—Checklist of items that should be included in reports of ***cross-sectional studies.*** **Description of where items covered in the manuscript**

	Item No	Recommendation	Where covered in paper
Title and abstract	1	(*a*) Indicate the study's design with a commonly used term in the title or the abstract	"Cross-sectional studies" appears in title
		(*b*) Provide in the abstract an informative and balanced summary of what was done and what was found	Structured abstract provided
Introduction			
Background/rationale	2	Explain the scientific background and rationale for the investigation being reported	Para 1 and 2 of introduction, p3
sObjectives	3	State specific objectives, including any prespecified hypotheses	Abstract and third para introduction (p3)
Methods			
Study design	4	Present key elements of study design early in the paper	First para of Methods, p3
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	Methods, p3
Participants	6	(*a*) Give the eligibility criteria, and the sources and methods of selection of participants	Eligible youth explained Methods, p3
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	Paras 2-4, p4
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	Paras 2-3, p4
Bias	9	Describe any efforts to address potential sources of bias	Potential bias from in-school survey discussed in Discussion
Study size	10	Explain how the study size was arrived at	National representation, urban/rural (see text)
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	P4, para 4, para 5 and p5 para 1
Statistical methods	12	(*a*) Describe all statistical methods, including those used to control for confounding	P4, para 5 and p5, para 1
		(*b*) Describe any methods used to examine subgroups and interactions	P5, para 1
		(*c*) Explain how missing data were addressed	P3, para 4 /P4 para 1 and P5, para 3
		d) If applicable, describe analytical methods taking account of sampling strategy	Weighting – p4, para 5
		(*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	P5, para 3
		(b) Give reasons for non-participation at each stage	P5, para 3
		(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	P5, para 4 and p6 para 1
		(b) Indicate number of participants with missing data for each variable of interest	Denominators given throughout results
Outcome data	15*	Report numbers of outcome events or summary measures	P6 para 2, p7 para 3
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	Table 1 and Table 2
		(*b*) Report category boundaries when continuous variables were categorized	Table 1 and Table 2
		(*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	Not applicable
Discussion			
Key results	18	Summarise key results with reference to study objectives	P7 para 3
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	P7 para 4 and p8 para 1
Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	P8 para 2
Generalisability	21	Discuss the generalisability (external validity) of the study results	P8 para 3
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	P9 para 1

*Give information separately for exposed and unexposed groups.