

Critical Appraisal of a Cross-Sectional Study (Survey)

Appraisal questions	Yes	Can't tell	No
1. <i>Did the study address a clearly focused question / issue?</i>			
2. <i>Is the research method (study design) appropriate for answering the research question?</i>			
3. <i>Is the method of selection of the subjects (employees, teams, divisions, organizations) clearly described?</i>			
4. <i>Could the way the sample was obtained introduce (selection) bias?</i>			
5. <i>Was the sample of subjects representative with regard to the population to which the findings will be referred?</i>			
6. <i>Was the sample size based on pre-study considerations of statistical power?</i>			
7. <i>Was a satisfactory response rate achieved?</i>			
8. <i>Are the measurements (questionnaires) likely to be valid and reliable?</i>			
9. <i>Was the statistical significance assessed?</i>			
10. <i>Are confidence intervals given for the main results?</i>			
11. <i>Could there be confounding factors that haven't been accounted for?</i>			
12. <i>Can the results be applied to your organization?</i>			

Adapted from Crombie, *The Pocket Guide to Critical Appraisal*; the critical appraisal approach used by the Oxford Centre for Evidence Medicine, checklists of the Dutch Cochrane Centre, BMJ editor's checklists and the checklists of the EPPI Centre.

Cite as: Center for Evidence Based Management (July, 2014), Critical Appraisal Checklist for Cross-Sectional Study. Retrieved (month, day, year) from <https://www.cebma.org>