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Transparent Reporting of Evaluations with Nonrandomized Designs (TREND)

Transparent Reporting of Evaluations with Nonrandomized Designs



Evidence-based public health decisions are based on evaluations of intervention studies with randomized and nonrandomized designs. Transparent reporting is crucial for assessing the validity and efficacy of these intervention studies, and, it facilitates synthesis of the findings for evidence-based recommendations. Therefore, the mission of the Transparent Reporting of Evaluations with Nonrandomized Designs (TREND) group is to improve the reporting standards of nonrandomized evaluations of behavioral and public health interventions.

The TREND Statement



The TREND statement [\[338 KB\]](#)¹ has a [22-item checklist](#) [\[368 KB\]](#) specifically developed to guide standardized reporting of nonrandomized controlled trials. The TREND statement complements the widely adopted CONSolidated Standards Of Reporting Trials (CONSORT) statement developed for randomized controlled trials. A collective effort in promoting transparent reporting is valuable to improve research synthesis and advance evidence-based recommendations for best practices and policies. We encourage all researchers, funding agencies, journal editors, and reviewers to use the TREND Statement as a guide when designing evaluation studies, reporting evaluation results, and reviewing manuscripts for scientific publication.

Because the TREND statement is intended to be an evolving document, we welcome your comments and feedback to help revise the statement periodically

The TREND statement was first published in a special issue of the American Journal of Public Health in March 2004. The issue was devoted to evaluation research. This special issue contains a number of papers related to the use of nonrandomized or quasi-experimental designs in the evaluation of interventions.

- [The Editor's Choice](#) [\[338 KB\]](#) describes the special issue of the American Journal of Public Health.
- [American Journal of Public Health, the Evaluation and Public Health Special Issue](#), [\[PDF\]](#) March 2004, Vol 94, No. 3

¹ Des Jarlais DC, Lyles C, Crepaz N, and the TREND Group. Improving the reporting quality of nonrandomized evaluations of behavioral and public health interventions: The TREND statement. Am J Public Health. 2004;94:361-366.

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TREND Supporters

The TREND supporters listed below are either journals or organizations who have published an editorial or commentary on the TREND statement or recommend the use of the TREND statement for their reviewers and authors, or the journal editors have informed the TREND group of their endorsement.

A – C

- [Addiction](#)
- [AIDS](#)
- [AIDS and Behavior](#)
- [AIDS Care](#)
- [AIDS Education and Prevention](#)
- [American Journal of Kidney Diseases](#)
- [American Journal of Preventive Medicine](#)
- [American Journal of Public Health](#)
- [American Psychological Association Publications and Communications Board](#)
- [American Public Health Association](#)
- [Annals of Behavioral Medicine](#)
- [Archives of Sexual Behavior](#)
- [BMJ](#)

D – F

- [Epidemiologic Reviews](#)
- [EQUATOR Network](#)
- [Evidence-Based Dentistry](#)

G – K

- [Health & Social Care in the Community](#)
- [Health Promotion Journal of Australia](#)
- [International Journal of Nursing Studies](#)
- [Journal of Alcohol and Drug Education](#)
- [Journal of Consulting & Clinical Psychology](#)
- [Journal of General Internal Medicine](#)
- [Journal of Psychoactive Drugs](#)
- [Journal of Public Health](#)
- [Journal of Urban Health](#)

L – Z

- [Medicina Clinica](#) 
- [Nordic Journal of Music Therapy](#) 
- [Psychotherapy](#) 
- [Saudi Medical Journal](#) 

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Transparent Reporting of Evaluations with Nonrandomized Designs (TREND)

Related Links

Links are provided for research groups that are related to the TREND Group in that they also support evidence-based research, research synthesis, or an improvement in the quality of reporting data from research studies.

A – C

- [Campbell Collaboration](#) 
- [Centre for Evidence-based Medicine](#) 
- [Centre for Health Evidence](#) 
- [Centre for Reviews and Dissemination](#) 
- [Cochrane Behavioral Medicine Field](#) 
- [Cochrane Bias Method Group](#) 
- [Cochrane Collaboration](#) 
- [Community Guide](#) 
- [CONSORT: Consolidated Standards of Reporting Trials](#) 
- [Council of Science Editors](#) 

D – F

- [EQUATOR Network](#) 
- [Evidence-based Behavioral Medicine Committee of the Society of Behavioral Medicine](#) 
- [Evidence-based Medicine Resource Center](#) 
- [Evidence-based Practice Centers](#) 

G – K

- [Health Information Research Unit](#) 

L – O

- [National Center for the Dissemination of Disability Research \(NCDDR\)](#) 
- [National Guideline Clearinghouse](#) 
- [Netting the Evidence](#) 

P – R

- [PRISMA: Transparent reporting of systematic reviews and meta-analyses](#) 
- [RE-AIM: Workgroup to Evaluate & Enhance the Reach & Dissemination of Health Promotion Interventions](#) 

S – U

- [Society of Behavioral Medicine](#) 
- [SPIRIT Statement](#) 

- [STROBE: STrengthening the Reporting of OBservational studies in Epidemiology](#) 
- [U.S. Preventative Services Task Force](#) 

V – Z

- [WAME \(World Association of Medical Editors\)](#) 

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Transparent Reporting of Evaluations with Nonrandomized Designs (TREND)

Related Papers

Related papers are documents and publications contributing to the TREND statement.

Fuller T, Pearson M, Peters JL, Anderson R. Evaluating the impact and use of Transparent Reporting of Evaluations with Non-randomised Designs (TREND) reporting guidelines. *BMJ Open*. 2012; 2(6): e002073 [\[link\]](#)

Fuller T, Peters J, Pearson M, Anderson R. Impact of the Transparent Reporting of Evaluations with Nonrandomized Designs reporting Guideline: Ten years on. *Am J Public Health*. 2014; 104(11):e110-e117. [\[link\]](#)

Fuller T, Pearson M, Peters J, Anderson R. What affects authors' and editors' use of reporting guidelines? Findings from an online survey and qualitative interviews. *PLoS One*. 2015; 10(4):e0121585 [\[link\]](#)

Kearney MH. Hoping for a TREND toward PRISMA: the variety and value of research reporting guidelines. *Res Nurs Health*. 2014; 37(2):85-87. [\[link\]](#)

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