

Interventions to improve hand hygiene in community settings: A systematic review of theories, barriers and enablers, behavior change techniques, and hand hygiene station design features

Authors

Sridevi K. Prasad¹ 0000-0003-0457-9534

Jedidiah S. Snyder² 0000-0002-7688-4450

Erin LaFon²

Lilly A. O'Brien² 0009-0004-1987-3706

Hannah Rogers³ 0000-0002-9515-1439

Oliver Cumming^{4,5} 0000-0002-5074-8709

Joanna Esteves Mills⁵

Bruce Gordon⁵

Marlene Wolfe² 0000-0002-6476-0450

Matthew C. Freeman² 0000-0002-1517-2572

Bethany A. Caruso^{1*} 0000-0001-9738-9857

1 Hubert Department of Global Health, Rollins School of Public Health, Emory University, Atlanta, GA, USA; bcaruso@emory.edu (BAC); sridevi.prasad@emory.edu (SKP)

2 Gangarosa Department of Environmental Health, Rollins School of Public Health, Emory University, Atlanta, GA, USA; matthew.freeman@emory.edu (MCF); marlene.wolfe@emory.edu (MW) jedidiah.snyder@emory.edu (JSS); lilly.obrien@emory.edu (LAO); erin.lafon@emory.edu (EL)

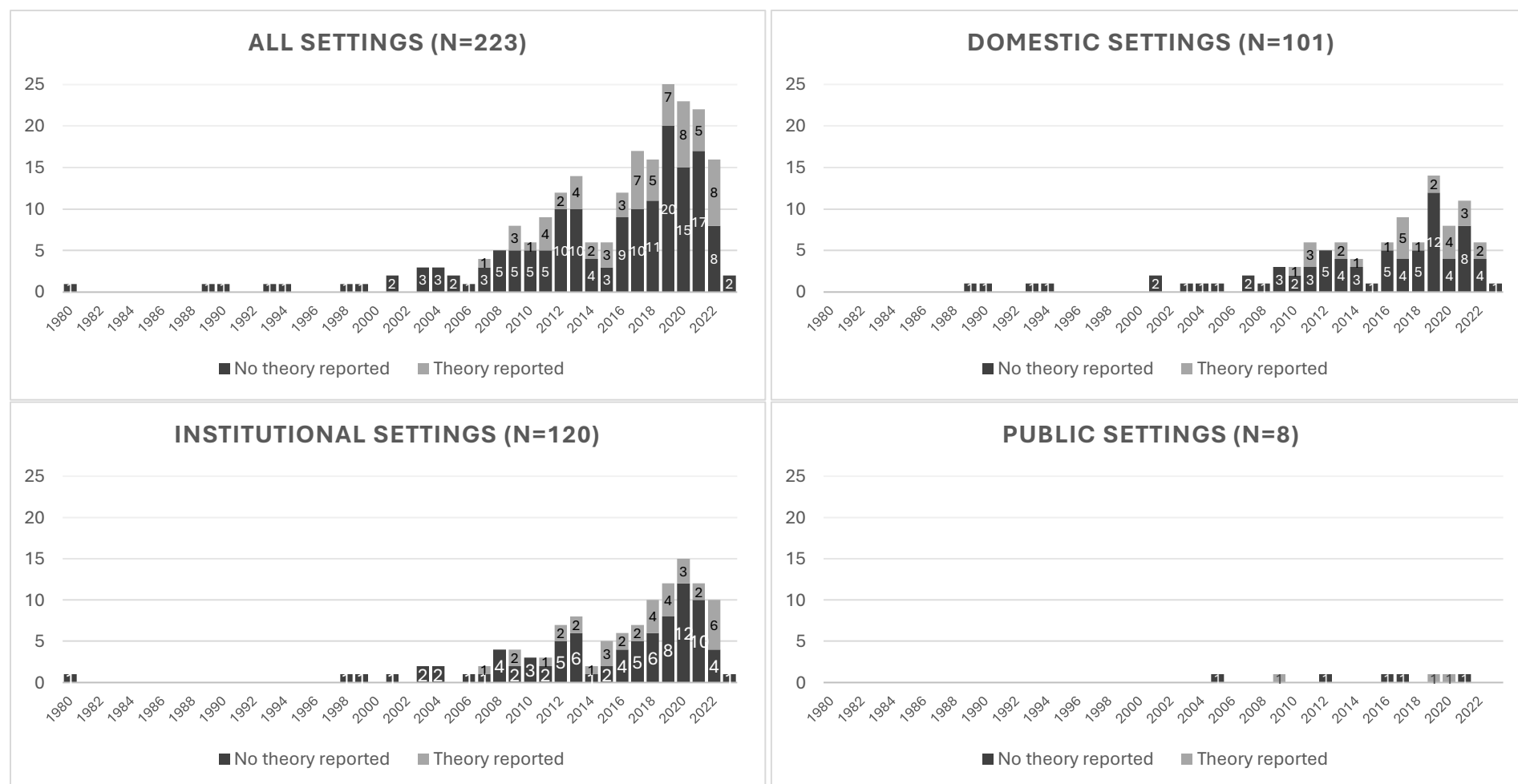
3 Woodruff Health Sciences Center Library, Emory University, Atlanta, GA, USA; hannah.rogers@emory.edu (HR)

4 Department of Disease Control, London School of Hygiene and Tropical Medicine, London, UK; oliver.cumming@lshtm.ac.uk (OC)

5 Water, Sanitation, Hygiene and Health Unit, World Health Organization, Geneva, Switzerland; estevesj@who.int (JEM); gordonb@who.int (BG)

*Corresponding author: Bethany A. Caruso bcaruso@emory.edu

Emory University, Rollins School of Public Health, 1518 Clifton Rd, Atlanta, GA 30322

Supplemental Figure 9. Studies that reported theory across settings and by year

* Six studies were counted twice since they specifically contained both domestic and institutional settings, making up the total number of studies across all settings (N=223). This overlap accounts for the discrepancy between the total number of studies across all settings and the sum of studies reported within individual settings.