

# Qualitative Research Approaches

## *Mixed Methods*

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*The mixed methods research approach utilizes both qualitative and quantitative methodology to create a unique approach to data analysis and interpretation. Utilizing this framework allows the researcher to describe complex concepts through both numerical representation and through rich text or visual description. (Cresswell, 1999)*

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### *Peer reviewed articles*

Creswell JW. Mixed-Method Research. *Handbook of Educational Policy*. 1999;1(1):455-472.  
doi:<https://doi.org/10.1016/b978-012174698-8/50045-x>

Wasti SP, Simkhada P, Teijlingen E van , Sathian B, Banerjee I. The Growing Importance of mixed-methods Research in Health. *Nepal Journal of Epidemiology*. 2022;12(1):1175-1178.  
doi:<https://doi.org/10.3126/nje.v12i1.43633>

Schoonenboom J, Johnson RB. How to Construct A mixed Methods Research Design. *KZfSS Kölner Zeitschrift Für Soziologie Und Sozialpsychologie*. 2017;69(2):107-131.  
doi:<https://doi.org/10.1007/s11577-017-0454-1>

Creswell. J. Chapter 1: Understanding Mixed Methods Research. Sage Journals. Published May 16th, 2006. Accessed March 01, 2024. [10981 Chapter 1.pdf \(sagepub.com\)](#)

Creswell JW, Klassen AC, Plano Clark VL, Smith KC for the Office of Behavioral and Social Sciences Research. Best practices for mixed methods research in the health sciences. August 2011. National Institutes of Health. Accessed: March 01, 2024 [Best Practices for Mixed Methods Research in the Health Sciences the nature and design of mixed methods research \(nih.gov\)](#)

## Exemplar

Quick SM, Snowdon DA, Lawler K, McGinley JL, Soh SE, Callisaya ML. Physical Therapist and Physical Therapist Student Knowledge, Confidence, Attitudes, and Beliefs about Providing Care for People Who Have Dementia: a Mixed-Methods Systematic Review. *Physical Therapy*. 2022;102(5). doi:<https://doi.org/10.1093/ptj/pzac010>

Lemke AA, Amendola LM, Kuchta K, et al. Primary Care Physician Experiences with Integrated Population-Scale Genetic Testing: A Mixed-Methods Assessment. *J Pers Med*. 2020;10(4):165. Published 2020 Oct 13. doi:10.3390/jpm10040165

## Websites

Hong QN. mixedmethodsappraisaltoolpublic [licensed for non-commercial use only] / FrontPage. mixedmethodsappraisaltoolpublic.pbworks.com. Published 2018. <http://mixedmethodsappraisaltoolpublic.pbworks.com/w/page/24607821/FrontPage>

Harvard Catalyst. Mixed Methods Research. Harvard Catalyst. Published 2022. <https://catalyst.harvard.edu/community-engagement/mmr/>

## Texts

Andrew S, Halcomb E. *Mixed Methods Research for Nursing and the Health Sciences*. Wiley-Blackwell Pub; 2009.

Creswell JW. *A Concise Introduction to Mixed Methods Research*. Sage; 2015.

Creswell JW, Plano Clark VL. *Designing and Conducting Mixed Methods Research*. Sage; 2017.

