

**DIGITAL GEOGRAPHY-RURAL LITERACY AND INTERNET USAGE
AMONG RURAL MEN AND WOMEN IN INDIA VIA NATIONAL
FAMILY HEALTH SURVEY-5 (2019-2021)**

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ABSTRACT

NFHS-5 survey for the first time includes the study of internet usage in India. Since the digital has altered all possible ways of human life with the internet as its fulcrum, its analysis in various forms is contemporary and relevant. But, geographical studies are less observed and studies on rural areas are further limited in nature. The current attempt is an analysis of the geographic distribution of internet services usage in India on the basis of gender and literacy in the rural scenario. It further diversifies the analysis in these units through the Empowered Action Group (EAG) states and Non Empowered Action Group (Non-EAG) states and Union Territories classification of the Census of India. An all-India examination is insightful in examining the trends in digital geographies in the rural landscape of the country. The 2019-21 period of National Family Health Survey-5(NFHS-5) data makes the study contemporary as well as relevant.

KEYWORDS: *Internet, India, Gender, Literacy, Rural*

REFERENCES-

1. Brunn SD. The Internet as 'the new world' of and for geography: speed, structures, volumes, humility and civility. *Geo Journal*, 1998;45(1): 5-15.
 2. Dodge M. The Geographies of Cyberspace. Centre for Advanced Spatial Analysis working paper. May 1999. Retrieved 2022, from <https://discovery.ucl.ac.uk/id/eprint/266/1/cyberspace.pdf>
 3. Robin J, Salamatian K. Envisioning Cyber-geography. *Hérodote*, 2014;152-153(1-2);123-139.
 4. Kitchin R, Dodge M. Cybergeography. Retrieved 2022, from <https://kitchin.org/wp-content/uploads/2019/04/Cybergeography-2008.pdf>
 5. James J. Mechanisms of access to the Internet in rural areas of developing countries. *Telematics and Informatics*, 2010; 27(4): 370-376.
 6. India GO. (n.d.). National Family Health Survey, India. Retrieved 2022, from <http://rchiips.org>: <http://rchiips.org/nfhs/about.shtml>
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7. WARC. Internet usage in rural India overtakes urban areas. May 2020. Retrieved 2022, from <https://www.warc.com>: <https://www.warc.com/newsandopinion/news/internet-usage-in-rural-india-overtakes-urban-areas/43588>
8. BusinessToday.In By 2025, there'll be more internet users in rural India than urban areas: report. June 2021. Retrieved 2022, from <https://www.businesstoday.in/latest/economy-politics/story/by-2025-there-will-be-more-internet-users-in-rural-india-than-urban-areas-report-298066-2021-06-03>
9. IANS. India's active Internet population to hit 900 million by 2025: Report June 2021. Retrieved 2022, from <https://www.business-standard.com>: https://www.business-standard.com/article/technology/india-s-active-internet-population-to-hit-900-million-by-2025-report-121060300444_1.html
10. Fallows D. How Women and Men Use the Internet. Dec 2005. Retrieved 2022, from <https://www.pewresearch.org>: <https://www.pewresearch.org/internet/2005/12/28/how-women-and-men-use-the-internet/>
11. OECD. Bridging the Digital Gender Divide. 2018. Retrieved 2022, from <https://www.oecd.org>: <https://www.oecd.org/digital/bridging-the-digital-gender-divide.pdf>
12. ITU. Bridging the gender divide. July 2021. Retrieved 2022, from <https://www.itu.int>: <https://www.itu.int/en/mediacentre/backgrounders/Pages/bridging-the-gender-divide.aspx>
13. Ash J, Kitchin R, Leszczynski A. Digital turn, digital geographies? *Progress in Human Geography*, 2016;42(1).
14. Alibrandi M, Baker T. A Social History of GIS in Education, 1985-2007. In: Milson AJ, & Alibrandi M. (Eds). *Digital Geography: Geospatial Technologies in the Social Studies Classroom*. Charlotte: Information Age Publishing, Inc. 2008. pp. 3-38.
15. Owen J. Has the internet helped or hindered literacy skills? (2019, June). Retrieved 2022, from <https://edtechnology.co.uk/>: <https://edtechnology.co.uk/comments/has-the-internet-helped-or-hindered-literacy-skills/>
16. Dobler ES. Reading on the internet: The link between literacy and Technology. *Journal of Adolescent & Adult Literacy*, 2003;47(1):80-85.
17. Birru MS, Monaco VM, Charles L, Drew H, Njie V, Bierria T, Detlefsen E, Steinman RA. Internet usage by low-literacy adults seeking health information: an observational analysis. *J Med Internet Res*. 2004 Sep 3;6(3):e25.
18. Sinha MK. Internet literacy skills and internet usage patterns to access e-resources by Assam university library users: an evaluative study. (2012, January). Retrieved 2022, from https://www.researchgate.net/publication/264423472_Internet_literacy_skills_and_internet_usage_patterns_to_access_e-resources_by_Assam_university_library_users_an_evaluative_study
19. Van Deursen AA, van Dijk JG. *Modelling traditional literacy, internet skills and internet usage: An empirical study*. Interacting With Computers. Oxford University Press, 2014.

20. Kim EM, Yang S. Internet literacy and digital natives' civic engagement: Internet skill literacy or Internet information literacy? *Journal of Youth Studies*, 2015;19(4): 438-456.
21. Zickuhr K, Madden M. Older adults and internet use (2012, June). Retrieved 2022, from https://www.sainetz.at/dokumente/studien/Older_adults_and_internet_use_2012.pdf
22. Van Deursen AJ, Helsper EJ. A nuanced understanding of Internet use and non-use among the elderly. *European Journal of Communication*, 2015; 30(2):171-187.
23. Morueta RT, Gomez JI, Gomez AH. The socio-demographic divide in Internet usage moderated by digital literacy support. *Technology in Society*, 2018;55: 47-55.
24. India OG. Census of India (2011). Provisional Population total. Retrieved 2022, from https://censusindia.gov.in:https://censusindia.gov.in/2011-prov-results/paper2/data_files/india/paper2_1.pdf
25. Home Affairs MO. (2011). Retrieved 2022, from https://censusindia.gov.in:https://censusindia.gov.in/2011-prov-results/paper2vol2/data_files/Meghalaya/CHAPTER_IV.pdf.
26. NFHS. National Family Health Survey 2019-20. (2021). Retrieved 2021, from <http://rchiips.org:http://rchiips.org/NFHS/NFHS5/pdf/NFHS%20data%20quality%20assurance.pdf>
27. Statistics.com. Average Group Linkage (2022). Retrieved 2022, from <https://www.statistics.com/glossary/average-group-linkage/>
28. Good PI, Hardin JW. *Common Errors in Statistics and How to Avoid Them*. Wiley. 2003.