

Table 1: Data dictionary: Selected variables corresponding to community and infrastructure-related dimensions and their data sources

Dimension	Feature Name	Feature description	Unit	Original/ Derived	Effect on Di- mension (+/-)	Original Source
Community Vul- nerability	per_capita_income	Per capita income	INR '000	Original	-	Economic surveys, budget documents
	perc_women_literate	Women (15–49 years) who are literate	%	Original	-	[MoHFW(2022)]
	perc_child_uweight	Underweight children (<5 years)	%	Original	+	
	perc_women_uweight	Women (15–49 years) with low BMI	%	Original	+	
	perc_women_anaemic	Women (15–49 years) who are anaemic	%	Original	+	
Critical In- frastructure Availability	highway_per_100sqkm	Highway density	km per 100 sq.km	Derived	+	[ESRI India(2023)]
	roads_100sqkm	Road density	km per 100 sq.km	Derived	+	[ESRI India(2023)]
	transmission_100sqkm	Transmission line density	km per 100 sq.km	Derived	+	[OpenStreetMap(2024)]
Household Es- sential Utility Access	perc_extraction	Groundwater extraction level	%	Original	-	[?]
	perc_hh_electricity	Households with electricity	%	Original	+	[MoHFW(2022)]
	perc_hh_sanitation	Households with improved sani- tation facility	%	Original	+	
	perc_hh_drinkingwater	Households with improved drinking water source	%	Original	+	
	perc_hh_cleanfuel	Households with clean fuel for cooking	%	Original	+	
Social Infras- tructure Density	police_density	Police stations	nos. per 100,000 population	Derived	+	[ESRI India(2024)]
	schools_density	Schools	nos. per 100,000 population	Derived	+	[MoE(2023)]
	pri_health_density	Primary healthcare centers	nos. per 100,000 population	Derived	+	[MoHFW(2018), MoHFW(2019)]
	sec_health_density	Secondary & tertiary healthcare facilities	nos. per 100,000 population	Derived	+	

## References

- [ESRI India(2023)] ESRI India (2023). India police station locations 2023. Dataset, ESRI India. URL: <https://www.arcgis.com/home/item.html?id=35371bda12c74ae39b19e5c45c91cc19> Accessed: 05-11-2024.
- [ESRI India(2024)] ESRI India (2024). India: Road network Bharatmala. Dataset, ESRI India. URL: <https://www.arcgis.com/home/item.html?id=e33dfe4d58ec4a0c9c331a6d92894ba5> Accessed: 12-11-2024.
- [MoE(2023)] MoE (2023). Unified District Information System for Education Plus (UDISE+). Dataset, Government of India. URL: <https://udiseplus.gov.in> Accessed: 07-01-2024.
- [MoHFW(2018)] MoHFW (2018). National hospital directory with geo code and additional parameters. Dataset, Government of India. URL: <https://www.data.gov.in/resource/national-hospital-directory-geo-code-and-additional-parameters-updated-till-last-month> Accessed: 12-11-2024.
- [MoHFW(2019)] MoHFW (2019). All India health centres directory. Dataset, Government of India. URL: <https://www.data.gov.in/resource/all-india-health-centres-directory-7th-october-2016> Accessed: 12-11-2024.
- [MoHFW(2022)] MoHFW (2022). National Family Health Survey (NFHS - 5), 2019–21: India report Vol II. Technical Report Ministry of Health and Family Welfare, Government of India New Delhi, India. URL: [https://pdf.usaid.gov/pdf\\_docs/PA00ZBQT.pdf](https://pdf.usaid.gov/pdf_docs/PA00ZBQT.pdf) Accessed: 07-11-2024.
- [OpenStreetMap(2024)] OpenStreetMap (2024). OpenStreetMap data for India. <https://download.geofabrik.de/asia/india.html>. Dataset, Accessed: 12-11-2024.