Overview

Data for this factsheet was collected through REACH’s Area of Knowledge (AOK), key informant (KI)-based remote-monitoring survey tool. The tool captures settlement-level data and employs purposive sampling through KI interviews with people who have direct knowledge about a particular settlement. It is not possible to disaggregate data by gender, age and/or disability. These findings should be considered as indicative and not statistically generalisable. The following maps were designed to facilitate targeted planning in risk communication outreach and community engagement strategies. The data on access to cellular networks was collected between 1 February to 31 March 2020; for settlements assessed in both months, the most recent data was used. A settlement was considered to have access to a functional cellular network if a KI responded that anyone in the settlement either “often” or “sometimes” can use a cell-phone to communicate.

Map 1: % of assessed settlements with access to functional cellular network, by county

- Sixty-two percent (62%) of assessed settlements in South Sudan reportedly have access to a functional cellular network in their settlement, with less than 50% reportedly having access to a network in their settlement in Eastern Equatoria, Western Equatoria, Jonglei, and Western Bahr el Ghazal states.
- Functional cellular networks were unevenly distributed at both the state and county level (Map 1).
- Assessed settlements in 12 counties reportedly have minimal to no access to functional cellular networks, despite assessed settlements in other counties within the same state having relatively higher access to functional cellular networks (i.e. 0% of assessed settlements in Panyijiar County reportedly have access to a cellular network, while access in northern Unity was reportedly far higher).
- Access to functional cellular networks also varied greatly within counties and the presence of a clustering of settlements does not necessarily correspond with access to a functional cell network (Map 2).

Map 2: % of assessed settlements with access to functional cellular network, by 500km² radius

- Counties with 0% of assessed settlements reportedly having access to cellular networks:
  - Ezo
  - Akobo
  - Ulang
  - Panyijiar

- Counties with 1-25% of assessed settlements reportedly having access to cellular networks:
  - Nagero
  - Nyirol
  - Canal/Pigi
  - Ibba
  - Kajo Keji
  - Kajo Keji
  - Kapoeta East
  - Jur River