

Mapping SDG Indicators at the Local Level

Livia De Mattia

Intern at ERUDITE Laboratory

Université Gustave Eiffel

November 2025

SDG Monitoring with Census Data

Coverage of SDGs by 2024 Census Indicators

- **SDG1 No poverty:** 1 indicator covered
- **SDG3 Good health and well-being:** 2 indicators covered
- **SDG4 Quality education:** 6 indicators covered
- **SDG6 Clean water and sanitation:** 3 indicators covered
- **SDG7 Affordable and clean energy:** 2 indicators covered
- **SDG10 Reduced inequalities:** 1 indicator covered
- **SDG11 Sustainable cities and communities:** 2 indicators covered

Key Message:

- Some indicators (e.g., migration and 2014 census) exist only at **governorate level**
- **Partial SDG coverage**
- Even when an SDG is covered, **only a small fraction** of its official indicators is captured

Example: SDG 11 (critical for urban localization)
→ only 2 indicators represented

Examples of Varying Levels of SDG–Census Indicator Alignment

- 4.6.1 **Percentage of population** in a **given age group** achieving at least a **fixed level of proficiency** in functional (a) **literacy** and (b) **numeracy skills, by sex** → **Taux d'analphabétisme** (10 ans et plus)
- 4.3.1 **Participation rate** of **youth and adults** in **formal and non-formal education** and **training** in the **previous 12 months, by sex** → **Fréquentation scolaire** (3 -24 ans)
- 10.2.1 **Proportion of people living below 50 per cent of median income**, by age, sex and persons with disabilities → **Distribution des personnes âgées 60+ selon source de revenu**

Examples of Varying Levels of SDG–Census Indicator Alignment

- 1.3.1 **Proportion of population** covered by **social protection floors/systems**, by sex, distinguishing **children**, unemployed persons, **older persons**, **persons with disabilities**, pregnant women, newborns, work-injury victims and the poor and the vulnerable → Handicap: **Répartition par possession de carte d'handicap** → **Distribution des personnes âgées 60 ans et plus selon affiliation protection social par secteurs**
- 6.1.1 **Proportion of population** using **safely managed drinking water services** → **Pourcentage des logements par type de raccordement** → **Pourcentage des ménages par principale source d'eau potable** → **Pourcentage des ménages par distance entre logement et principale source d'eau potable** → **Pourcentage des ménages par principale source d'eau de boisson**

Main Gaps in Census Data

- **Missing environmental and climate data:** No information on climate risks, exposure, biodiversity, or environmental quality (SDGs 13, 14, 15, parts of 6 and 11)
- **Missing gender-specific data:** No measures of gender equality, empowerment, decision-making, or GBV (SDG 5)
- **Limited economic and labor data:** No income data, limited labor information, no indicators on informality or productivity (SDG 8, SDG 1).
- **No governance or institutional indicators:** No data on participation, public services quality, trust, safety, or justice (SDG 16).
- **Static and infrequent data:** Census provides only a 10-year snapshot, not suitable for continuous SDG monitoring.

**Thank
You!**