

DATA OVERVIEW

- We've had a look at the different features and definitions of the dataset in Part 1
- How are these features represented in the dataset in this second part of the project?



Original 16 features



newly created features

Investigating year representation

→ New: y_diff

Investigating
Annual Rates of Change
(ARC)

New: ARC_n, ARC_r, ARC_u

104. Investigating access by area

New: wat_bas_n (rounded), wat_bas_r (rounded), wat_bas_u (rounded),
ARC_n_full, ARC_r_full, ARC_u_full, ARC_diff

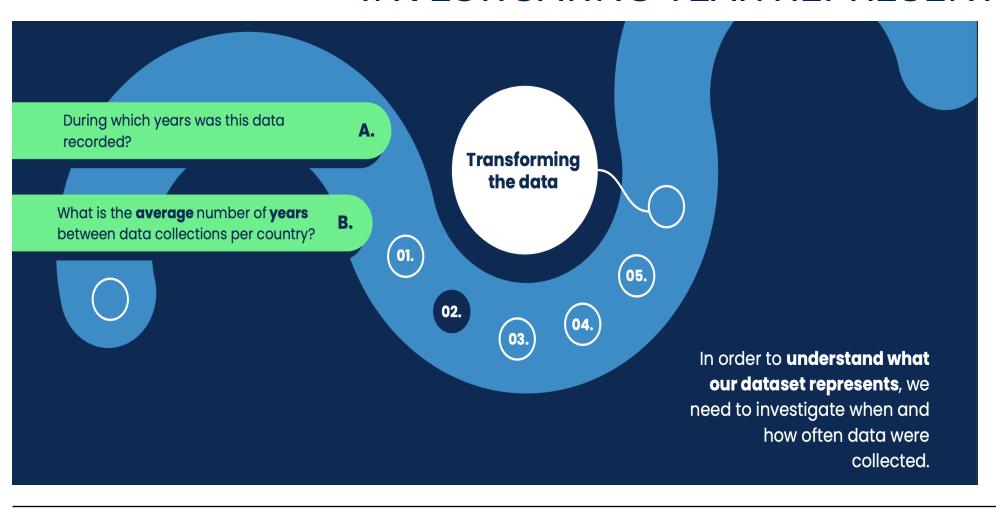
Investigating access by region

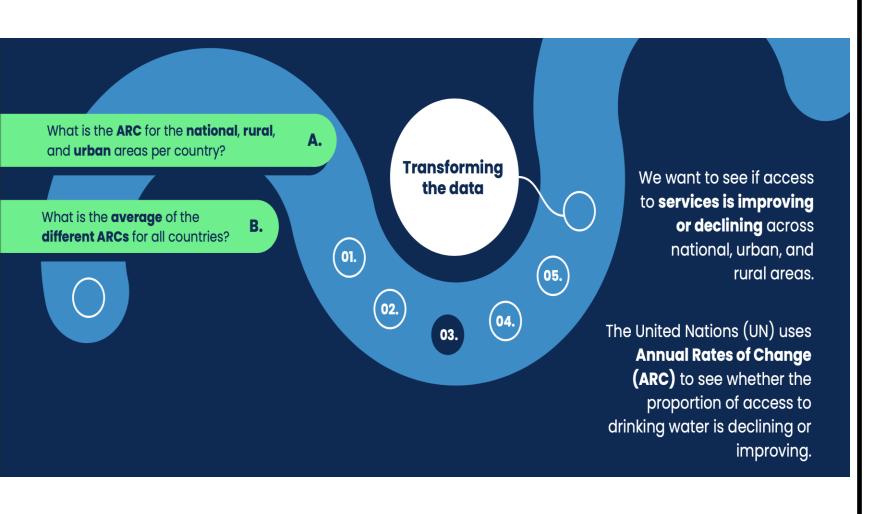
→ New: region

A summary of the dataset year and year difference, including the median, minimum, and maximum. Investigating year representation A histogram of the year column. Investigating The median, minimum, and maximum of each of the three newly created ARC columns **Annual Rates of Change** based on the national, rural, and urban change in access. (ARC) The number of countries that have no ARC value, full access, ARC < 0, and ARC > 0 for each of the three newly created ARC columns. Investigating access by area A histogram of the difference in ARC values for rural versus urban areas. A summary per region that at least includes the number of countries per region, the average ARC on a national level, and the average ARC values in rural and urban areas. Investigating access by region A visualization (of choice) that represents the national ARC, rural ARC, region, and population size.

DATA OVERVIEW

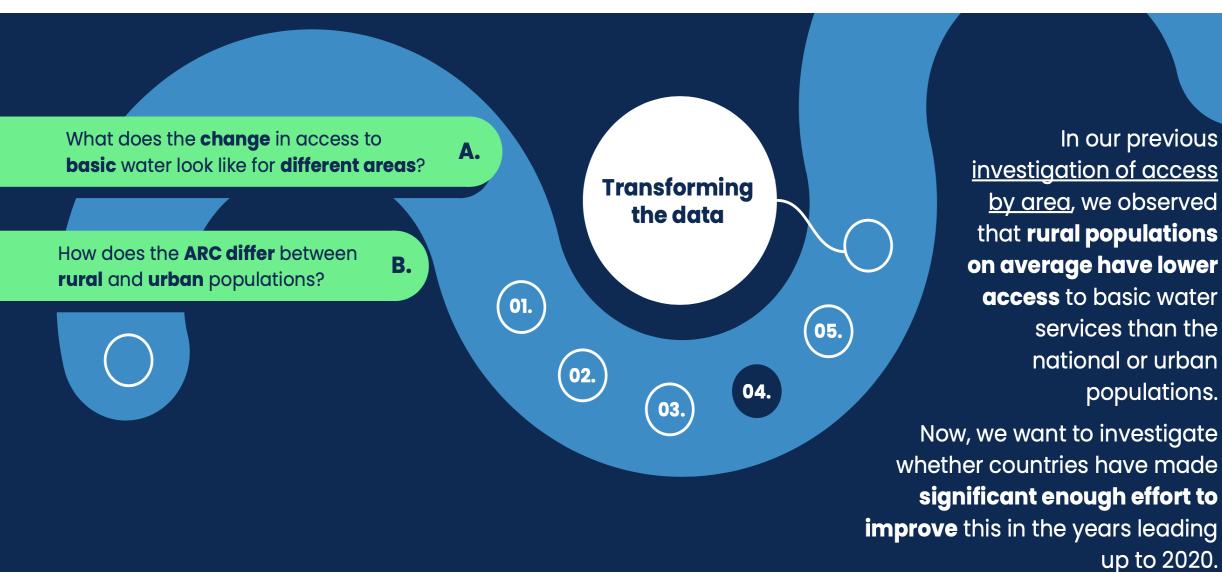
INVESTIGATING YEAR REPRESENTATION



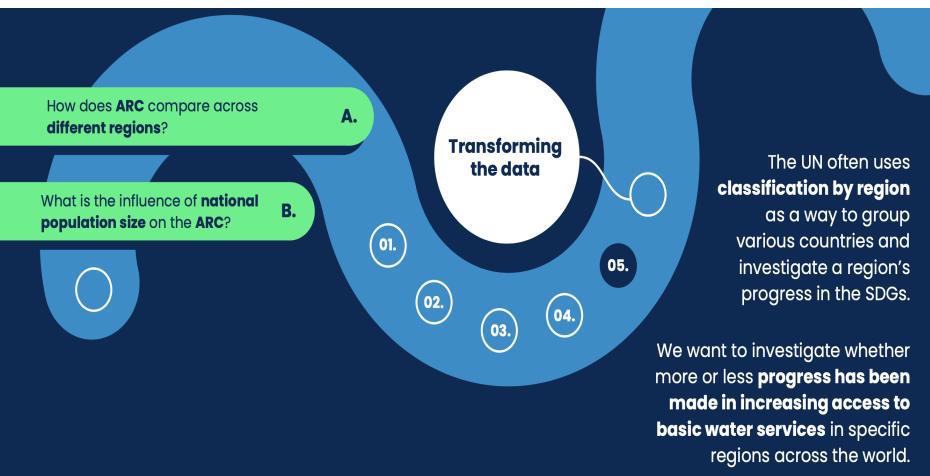


INVESTIGATING ANNUAL RATES OF CHANGE (ARC)

INVESTIGATING ACCESS BY AREA



INVESTIGATING ACCESS BY REGION



THANK YOU