ಕರ್ನಾಟಕ Data Lake

Data Story On Anaemic Children

31 MAY 2023

This data story analyses various factors from multiple sources that are highly correlated with the Anaemic Children at the taluk level and uses predictive analysis to estimate the impact of changes in each factor on districts and taluks. The interactive dashboards are based on the report "***Indicators And Its Impact Across Poverty, Health & Education Sectors***". Please click here to view/download the report.

Contents

The report ***Outcome-based SDG budget- Health and Nutrition*** outline the components of the following data story and gives taluka-specific budget recommendations based on outcomes for each relevant factor. Please click here to view/download the report and the dataset.

Anaemic Children Factors

Factors with significant correlation with Anaemic children:

1. Number of Chief Health Officer Working Per 1000 Population
2. Number of Asha Working Per 1000 Population
3. Children under age 6 months exclusively breastfed(%)
4. Children low birth weight(%)
5. Children age 12-23 months fully vaccinated based(%)
6. % Anganwadis in rented buildings
7. Children under 5 years who are underweight (weight-for-age)(%)
8. Prevalence of diarrhea under 5 years of age(%)
9. children age 6 to 59 months who are stunted (height-for-age)(%)

Factors without significant correlation with Anaemic children:

1. Total children age 6-23 months receiving an adequate diet (%)
2. Children with diarrhea who received oral rehydration salts (ORS)(%)

English | ಕನ್ನಡ

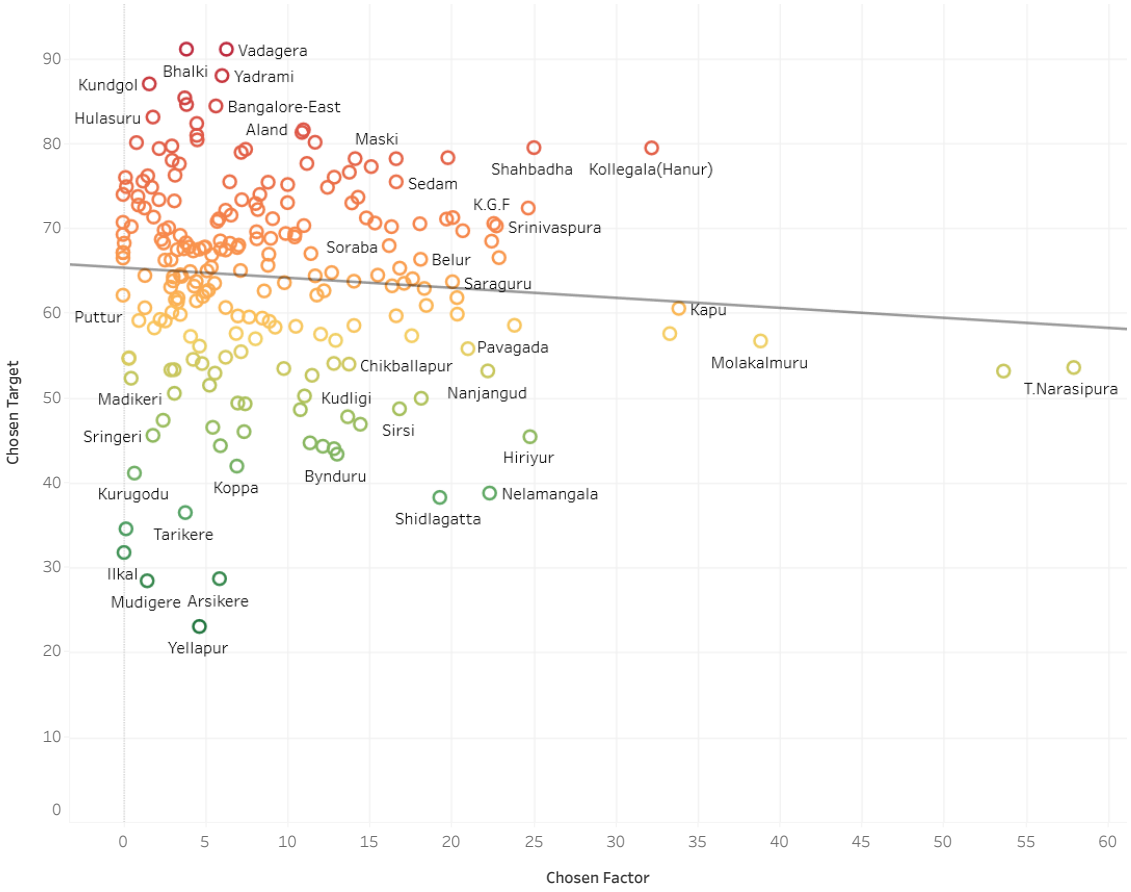
English

Choose Target

% Anaemic Children 6-59 months

Choose Factor

Total children age 6-23 months receiving an adequate diet (%)



Predictive Impact Analysis

The dashboard has a slider using which, you can change the factor of interest. Initially, the slider is at 0%. If you want to decrease the factor by 10%, you can move the slider to the left. Similarly, if you want to increase the factor by 10%, you can move the slider to the right.

For example, say you want to decrease the 'Number of Asha Working Per 1000 Population' by 20% of the current value, you can do it by moving the slider two times to the left (which corresponds to -20%)

The dashboards has district level map as well as taluk level map. The colours on these maps represent the change in anaemia after making the desired change in the factor of interest. If you hover over a particular district in the district level map, you get a magnified image of those taluks belonging to the selected district.

Below the maps, you can see the score of each taluk sorted in descending order. The scoring is based on how good each taluk has performed in changing yield after changing the factor.

At the very bottom, you can see the dataset that is being used for making this interactive visualization

Choose Parameter

Number of Chief Health Officer Working Per 1000 Population

English

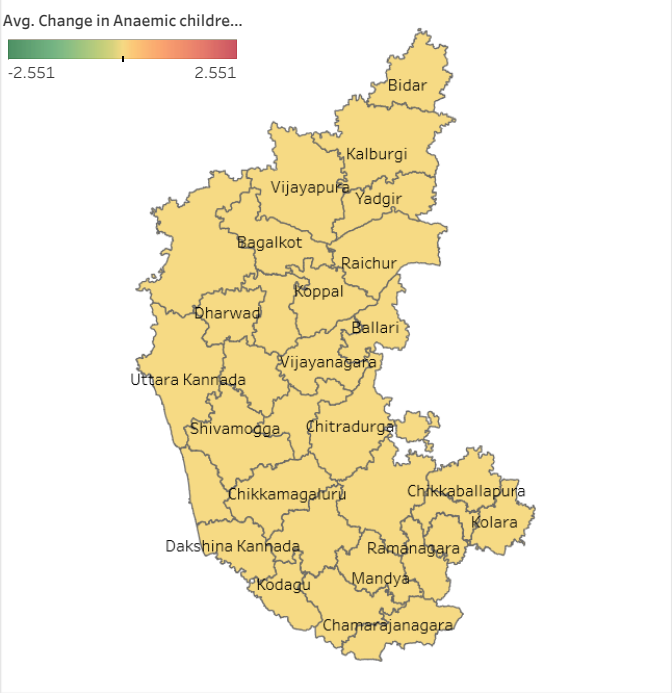
Change by

0%

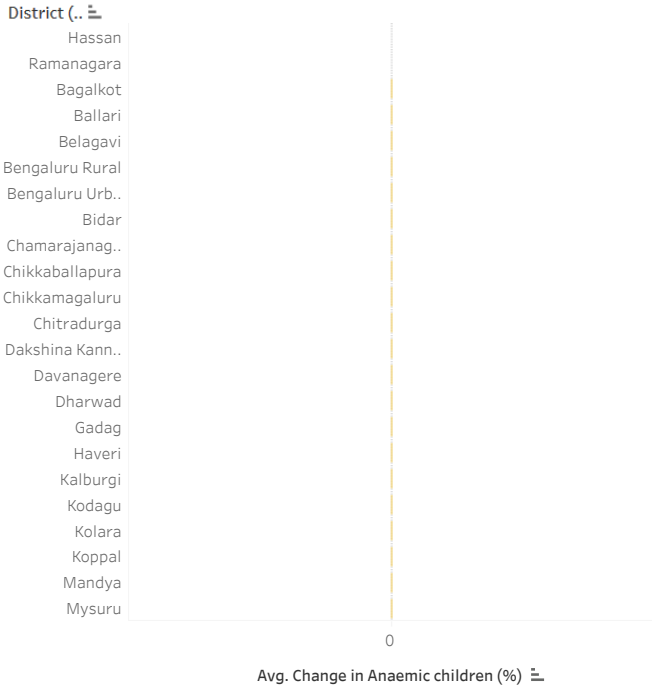
Avg. Children age 6-59 months who are anaemic (%):
64.24

Predicted Change In Anaemic Children (%):
0

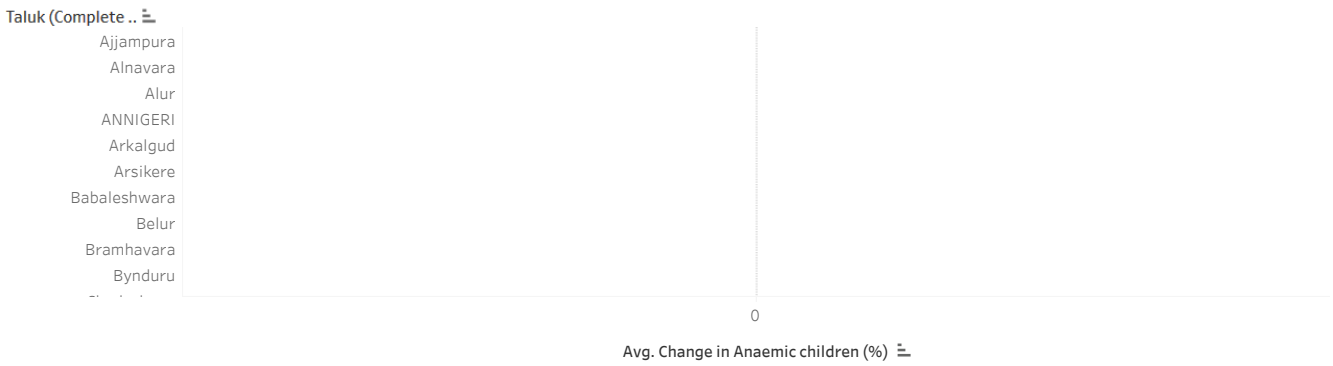
District wise change



District score



Taluk score



Dataset

District (Complete ..	Taluk (Complete ..	Change in Anaemic childre..	Taluk score	Chosen parameter	Children age 6-59 months ..
Bagalkot	Guledagudda				34.56
	Ilkal				31.77
	RABAKAVI BANAHATTI				64.95
	Badami	0.00		0.09	60.08