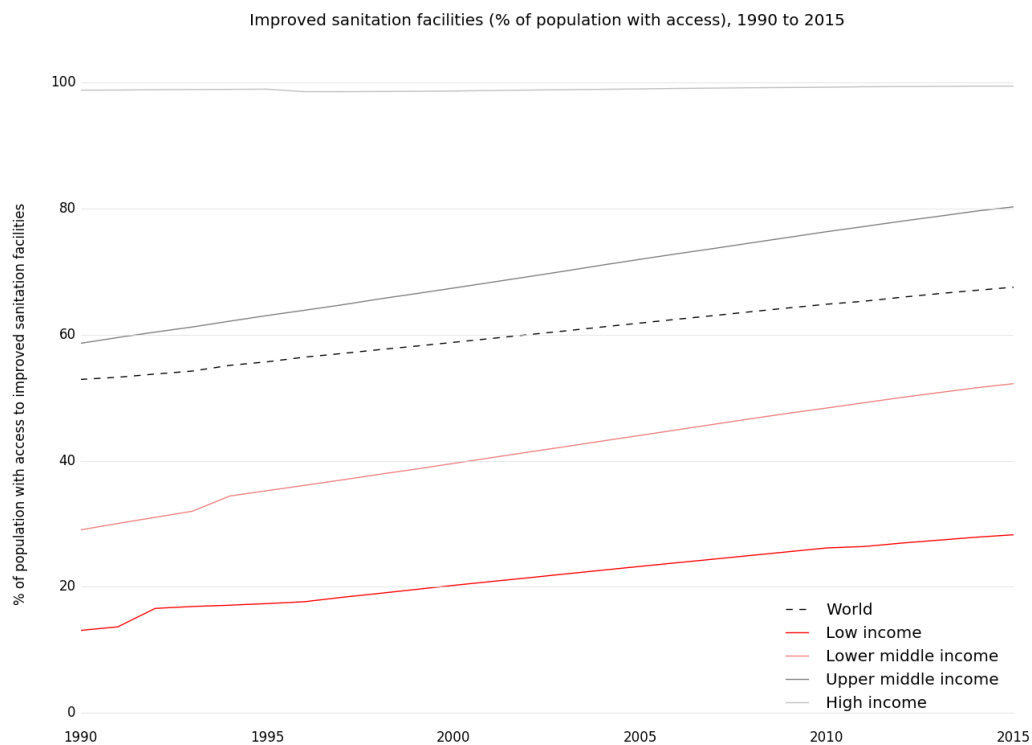


Access to improved sanitation facilities is growing, but at a slower rate for low income countries than middle income countries



Method

For retrieving the data using the API, I have written the code to retrieve the data in pages. This ensures that the server does not have to return very large responses. I have set the limit to 1000 results per page and collect the 15132 results in 16 pages. The results are stored locally in a json file so that a call to the API is made only when we want to update the data. Otherwise it is already stored locally. To make it easier to analyse and visualize, the relevant fields from the json file are converted into csv format.

Findings

1. The access to improved sanitation facilities is increasing globally, but it is increasing at a slower rate in low income countries than in middle income countries. (High income countries already have over 99% access to improved sanitation facilities and hence not much room for improvement.)
2. Higher income level groups consistently have more access to improved sanitation facilities than lower income level groups. The gap is quite large that even in 2015, no income group has reached the sanitation access level that the next higher income group had in 1990.

Name: Karthik Ramanathan Dhanalakshmi Ramanathan