

# Validation of the Location of Educational Venues and Construction of an Educational Trajectory Risk Index

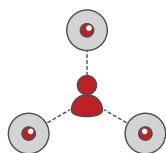


The high influx of Venezuelan migrants and refugees to Colombia, together with the ongoing internal conflict and the economic crisis, has had a major impact on the education system.



In order to improve educational services, this project aims to create an educational trajectory index that allows to analyze the factors involved in retaining children and adolescents in schools as well as possible inequalities that affect their academic achievements. The project will also incorporate available information on the impacts of the global COVID-19 pandemic.

## Analysis of Educational Trajectories and Assessment of WASH Conditions in Schools



The creation of the educational trajectory index incorporates the data obtained from national and international initiatives, together with the management and review of information collected from the Ministry of Education (MEN) and the Colombian Institute for the Evaluation of Education (ICFES) on the national education system. The project will then define a statistical methodology to calculate and visualize the results indicating the quality of the educational services, the factors impeding in retaining students while incorporating individual and contextual circumstances.



UNICEF and iMMAP will also validate the geolocation of educational centers across Colombia in order to confirm the existing information and consolidate a geodatabase of educational sites in the country.

Project Duration:  
**14 July - 15 December 2020**

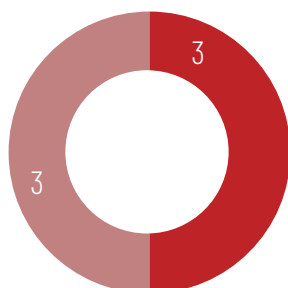
Donor: **UNICEF**

Current project:  
**Validation of the Location of Educational Venues and Construction of an Educational Trajectory Risk Index**

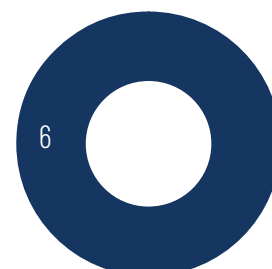
Project budget:  
**USD 69,570**

**6**  
Number of staff

Women  
Men



National





**Support to:** UNICEF's education and water, sanitation and hygiene programs

## Objectives



Increase the capacity of partner organizations to improve the quality of education for children and adolescents while reducing the factors negatively impacting the retention of students in the education system at the national level.

## Project Deliverables

- Validation of the location of educational centers in Colombia.
- New and updated information with an analysis of the design and application of an Education Trajectory Risk Index with an emphasis on the impacts of gender.
- Documentation of the pilot plan for the Educational Trajectory Risk Index.
- Profiling of WASH services in schools across La Guajira.

**60,000** Educational sites georeferenced

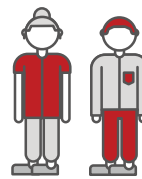
## Sectors supported



WASH



EDUCATION



**Staff Profiles:** Project Manager, Data Analyst, GIS Expert, GIS Analyst, and Web Developer, Accountant Analyst



## Information Products:

**Maps** - a series of static maps and shape files.

**School mapping:** update of the platform created by UNICEF to map each school in Colombia and show its connectivity in real time.

**Geobase** on the location of the educational centers in Colombia, including the variables for analysing the situation of the Colombian Education Sector.

**A visualization tool** on the location of the educational centers in Colombia, including the variables for analysing the situation of the Colombian Education Sector.

**Descriptive document** of the process of testing, adjusting and replicating the Educational Trajectory Risk Index.



**COVID-19 Response:** iMMAP will collect all relevant information for decision making by schools and colleges on the effects of the COVID-19 pandemic.