Introduction

Gaalkacyo is a district that falls in the region of Mudug in Somalia. It is divided into Gaalkacyo North and Gaalkacyo South. Gaalkacyo North falls under the administration of Puntland, while Gaalkacyo South falls under Galmudug State of Somalia.

Methodology

A. Generation of Population Density

Population density was generated from the dwelling structures data obtained from Somali Health Demographic Survey (SHDS) 2020. A weight factor was applied to the dwelling structures to calculate the average number of households for each of the dwelling structures. The population density calculated the number of households per unit area. Population density will assist in identifying the areas that are densely populated. Such areas are more vulnerable to the spread of COVID-19.

B. Internally displaced Persons (IDPs)

Some IDPs have settled in Gaalkacyo. The data used was from Camp Coordination Camp Management (CCCM) 2019 and data collected from the ground. The majority of the IDPs in Gaalkacyo originate from Mudug, Middle Shabelle, Banadir, Hiraan and Bay (Shelter Cluster Somalia 2014). There were 33 IDP camps in Gaalkacyo North - The camps have 41% males and 59% females. Gaalkacyo South had 48 IDP camps - 48% and 52% of the individuals are male and female respectively (CCCM 2019).

The IDPs are vulnerable populations due to their living conditions due to their living conditions with limited access to social amenities.

C. Health Centres

Health centres are crucial facilities in carrying out COVID-19 tests, isolating and treating of the symptomatic patients. A good distribution of health centres with proper equipment is vital in the fight against COVID-19.

D. Bus Stations and Markets

Bus stations and markets tend to be high-risk areas due to the high influx of people. It is important to identify them in order to design proper mitigation plans to curb the spread of COVID-19.

E. COVID-19 Confirmed Cases

As of 6th of June 2020, there were 33 and 13 confirmed cases of COVID-19 in Gaalkacyo North and South respectively. This was out of 2,204 confirmed cases in Somalia.

The number of confirmed cases by age as of 6th of June is shown below.

Nine percent of the reported cases were female, while 91 percent were male as of 6th of June 2020.
The boundaries on this map are the pre-war regions of Somalia and do not imply any endorsement or acceptance by the United Nations Population Fund.