**Forecasting COVID-19 Diagnostic Testing for 2022**

Cases tested: symptomatic, hospitalized

Type of test: RT-PCR, Ag-RDT

Using COVID-19 incidence data from selected countries to predict need in 2022

* Countries selected must have accurate data reporting—enough testing to have accurate incidence data
  + What countries? —maybe several from each region of the world
    - HICs & LMICs
  + Need population data from these countries
  + COVID-19 cases, hospitalizations, deaths etc.
* What proportion of cases are assumed to be officially diagnosed/reported?
  + Check the literature—how much underreporting?
  + Could use recorded number of deaths to estimate expected case count per country
* How many peaks were there in the epidemic, how long did they last and how many cases?

Next steps:

* Identify countries of interest to start looking at COVID-19 data
* Start compiling epidemic data from the past year
* Good starting points:
  + Johns Hopkins Coronavirus Resource Center
  + Worldometers
  + WHO