Protocol for reviewing sex-disaggregated surveillance data on COVID-19

Objectives

1. To determine the extent of sex-disaggregation of national surveillance data on Covid-19 in the most highly affected countries;
2. To present data on cases, deaths and other intersecting indicators from each country

Search methods

Once a month, collate and publish sex-disaggregated data from websites of national governments, official media and social media communications, national surveillance centres, global/regional coordinating bodies.

Selection criteria

All national and international/global surveillance data relating to Covid-19 infection from the 200+ countries with at least 500 reported cases. Countries included will increase as countries pass this threshold of 500 cases..

Main results

1. Proportion of surveillance systems that report sex-disaggregated data on:
   a. Number of confirmed cases in men and women
      i. Number of confirmed cases in men and women by age
   b. Number of deaths among confirmed cases in men and women
      i. Number of deaths among confirmed cases in men and women by age
   c. Number of men and women tested for COVID-19 infection
   d. Number of men and women hospitalized for COVID-19 infection
   e. Number of men and women admitted into Intensive Care Units (ICU) for COVID-19 infection
   f. Number of confirmed cases in male and female health workers
   g. Number of men and women receiving at least one dose of a COVID-19 vaccine
      i. Number of men and women receiving at least one dose of a COVID-19 vaccine by age
   h. Number of men and women fully vaccinated against COVID-19
      i. Number of men and women fully vaccinated against COVID-19 by age
   i. Number of men and women experiencing long covid
   j. Other salient disaggregations of COVID-19 health indicator data, such as:
      i. Subnational areas, including urban/rural
      ii. Race and/or ethnicity
      iii. Nationality
      iv. Pregnant/Breastfeeding
v. Socioeconomic status

2. Calculate:
   a. Sex distribution for key clinical indicators for COVID-19: vaccination (partial and full), testing, confirmed cases, hospitalizations, ICU admission and death
   b. Proportion of deaths among confirmed cases overall and in men and women
   c. Ratio of deaths among confirmed cases men: women
   d. Vaccination coverage among men and women (rates per population)

Notes on the data:

- Data are collected from official government sources in each country.
- The total number of cases and deaths reported below may differ from the most recent numbers in a given country for two primary reasons: 1) Data is taken from the last date that sex-disaggregated data was available, which in some cases is not reported as regularly as total cases/deaths, and 2) these figures reflect the total number of cases/deaths where sex-disaggregated data is available. Some countries only report sex-disaggregated data on a portion of total cases/deaths.
- This data is intended to be used to understand the breakdown of cases and deaths by sex, not to monitor overall numbers of cases or deaths per country.
- Definitions of indicators recorded due to COVID-19 vary by country.
- Data in the tracker is only presented for men and women, due to how data is currently being reported by countries.