

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.