



# Statistical Activities in the Covid-19 pandemic context

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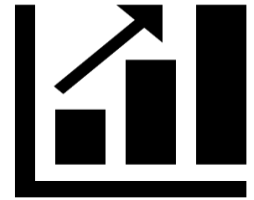
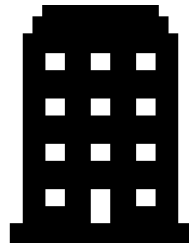
## Health Statistics

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# Multiple data needs for pandemic preparedness and response:

*Mobilizing all sources of health statistics used in the Region*



## Health Facilities:

- Routine health information system (Core HMIS / DHIS2)
- Facility assessments e.g. HHFA, client satisfaction surveys
- Facility mortality statistics

## Administrative data

- Infrastructure
- HR
- Financing
- Databases of training institutions

## Population Surveys

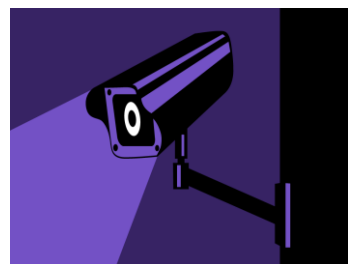
- Demographic and health surveys
- Disease specific surveys (HIV, TB, Malaria, NCDs/STEPS, etc)
- System-area specific surveys (NHA, RUM, etc)
- Etc.

## Civil Registration & Vital Statistics Systems

- Birth registration
- Death registration
- Cause of death monitoring

## National Statistics Offices

- Population Census
- National population projections (pop denominator data)



## Surveillance systems

- Integrated Disease Surveillance and Response
- Sentinel sites
- Health system and service continuity surveillance
- Verbal autopsy systems



## Externally driven

- Modelled estimates e.g. by UN agencies
- Program / donor specific initiatives

# WHO African Region triple focus

*Building appropriate evidence for decision making in health*

## DATA & STATISTICS

## ANALYTICS

## KNOWLEDGE TRANSLATION

**BUILD COUNTRY CAPACITY TO GENERATE REQUIRED SYSTEMS FOR DATA GENERATION**

- Targeted country support to strengthen specific systems
- DHIS 2 data system
- Statistical reports
- Reviews of data generation capacity (e.g. SCORE assessment)
- Establishment of Health Data Collaboratives

**ESTABLISHMENT OF COUNTRY / REGION ANALYTICAL CAPACITIES & PRODUCTS**

- Trainings on data analysis at facility, and national levels
- Conduct of regular health sector reviews (national / program)
- Generate analytical reports (e.g. state of health)
- Provision of standard analytical methods / approaches

**FACILITATE KNOWLEDGE TRANSLATION AND USE FOR EVIDENCE BASED DECISION MAKING**

- Development of health policy briefs
- Documenting implementation practices
- Building knowledge repositories
- Establishing WHO Collaborating Centres

## ENABLERS

- Digital solutions: Consolidated digital health platforms
- National M&E / HIS plans
- Health Observatories: Integrated health information platform
- Health Data Collaboratives

# Key issues

- Integrating and coordinating multiple data sources and analytical processes
  - Multiple institutions establishing new data collection processes, duplicating / making redundant existing ones
- Maintaining an integrated focus
  - Many people interested in 'numbers' (cases / deaths),
  - There is much more that is needed to provide evidence for decision making
    - Other data, e.g. effects on other diseases
    - Health system capacities
    - Effects and implications on ongoing support in other areas
    - Research / generation of new knowledge
- How to leverage existing focus on COVID-19 to build needed systems
  - Stepwise (inter-linked) CRVS system building
    - *(1) Verbal autopsy capacity establishment; (2) establishment of community ICD-11 sentinel sites; (2) building facility ICD-11 cause of death monitoring; (4) establishment of community-based ICD-11 cause of death monitoring*
  - Integrating role of Rapid Mortality Surveillance – emergency monitoring system
  - Accelerate health facility service availability monitoring systems
  - Establish health system surveillance system to monitor service continuity, complementing disease surveillance (system framework established – <https://bit.ly/3cmulhP> )
  - Regular assessment of health information systems capacities (SCORE assessment)

# THANK YOU!

