

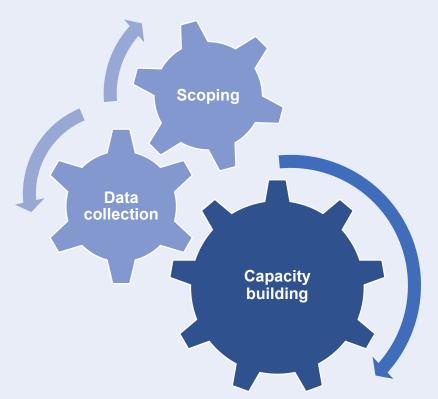






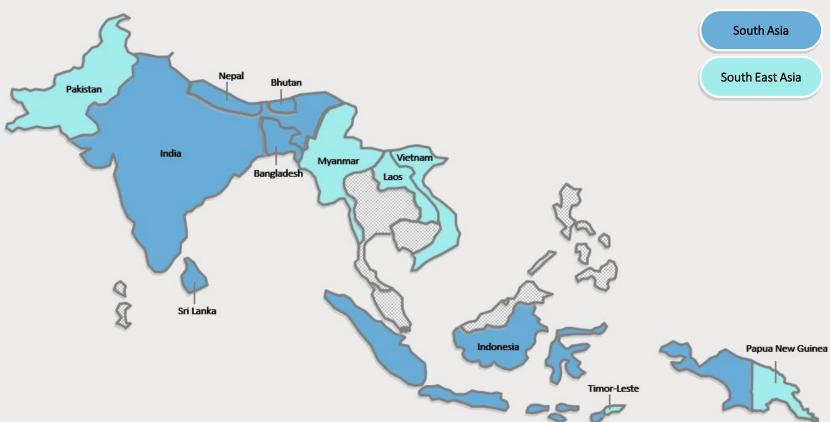


CAPTURA Objectives



Expanding the volume of historical and current data on antimicrobial resistance and usage in Asia

- Data identification, collection, grading and analysis
- Substantial capacity building activities underpinning the program



Types of CAPTURA data

Two data collection streams

Project Metadata

- Facility-related data
- AMR/U Questionnaire
- Laboratory Assessment
- Population metadata

Facility data

- Antimicrobial Resistance data
- Antimicrobial Use data
- Antimicrobial Consumption data

Project Metadata

Facility related Information

- Master list and directory of facilities
- Information gathered from desktop review, key informant interviews and scoping visits
- Data related to facility's location, affiliation and presence of data

AMR/U Questionnaire

- Survey capturing information about facility's capacity
- AMR questionnaire gathered from laboratories, while AMU from pharmacies
- Data related to AST capacity, quantity and format of data, data sharing

Laboratory Assessment

- Tool to assess quality of labs generating AMR data
- Rapid tool developed ("RLQA") based on existing microbiology lab assessments
- Data related to lab's practices (pathogen identification, AST, IQC, EQA) and resources (staffing, equipment)

Dataset related Information

- Readme files from dataproviders at start of data collection
- Feedback from data providers following preliminary analyses
- Data related to geographic and time-period of dataset, criteria of data collection, denominators (population data, hospital in-patient days)

To keep in mind...

Facility related Information

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- Snapshot of the capacity and quality of facility at the time of the survey and assessment
- Convenient sampling due to time limitation and COVID pandemic
- Flexibly administered by country coordinator/in-country team
- Responses not validated

CAPTURA metadata collected and utilized for **CAPTURA** purposes

Findings of AMR Questionnaire

YES

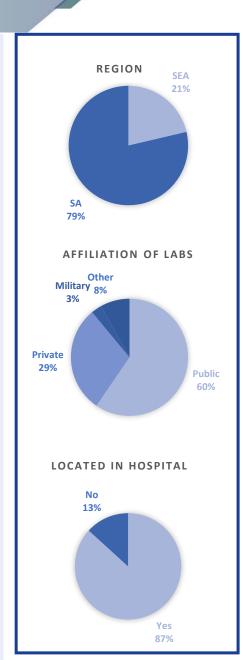
ΝO

151 labs participated, of which 136 answered to conduct AST



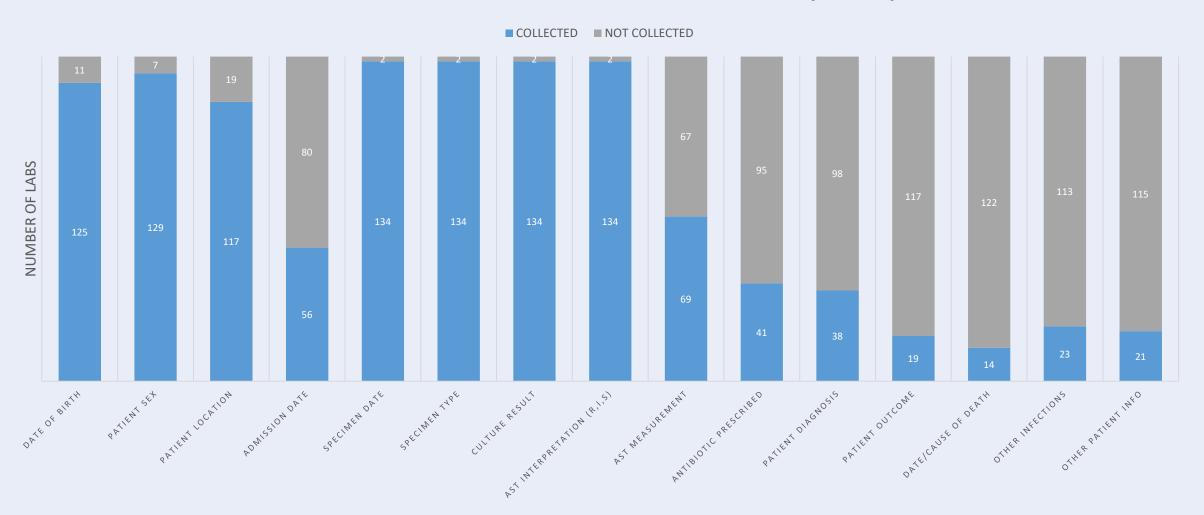
DON'T KNOW

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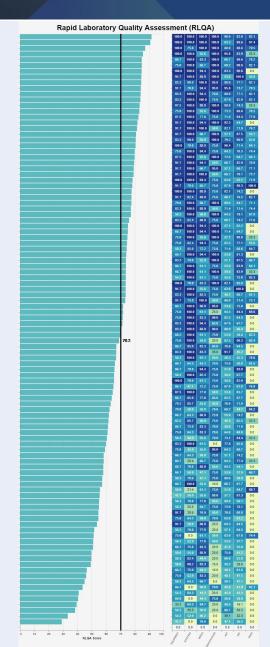


Findings of AMR Questionnaire II

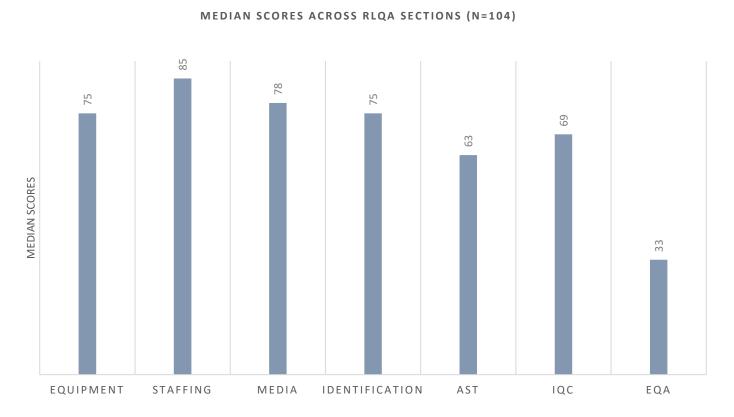
TYPES OF DATA VARIABLES COLLECTED (N=136)

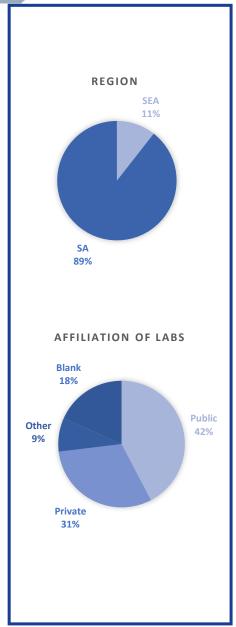


Findings of Rapid Lab Quality Assessment



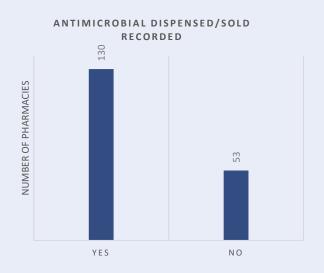
104 Lab Assessments conducted

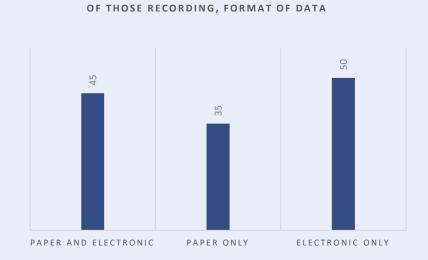


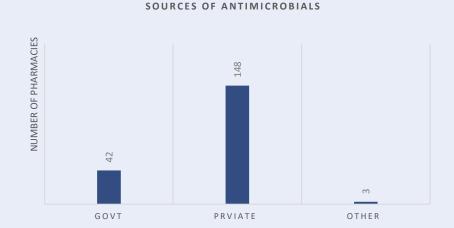


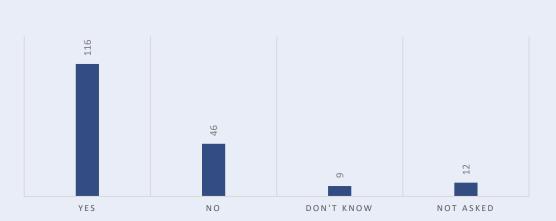
Findings of AMU Questionnaire

183 pharmacies participated

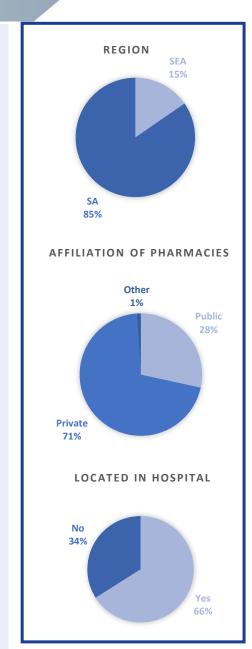








STAFF RECEIVE PERIODIC TRAINING ON GUIDELINES

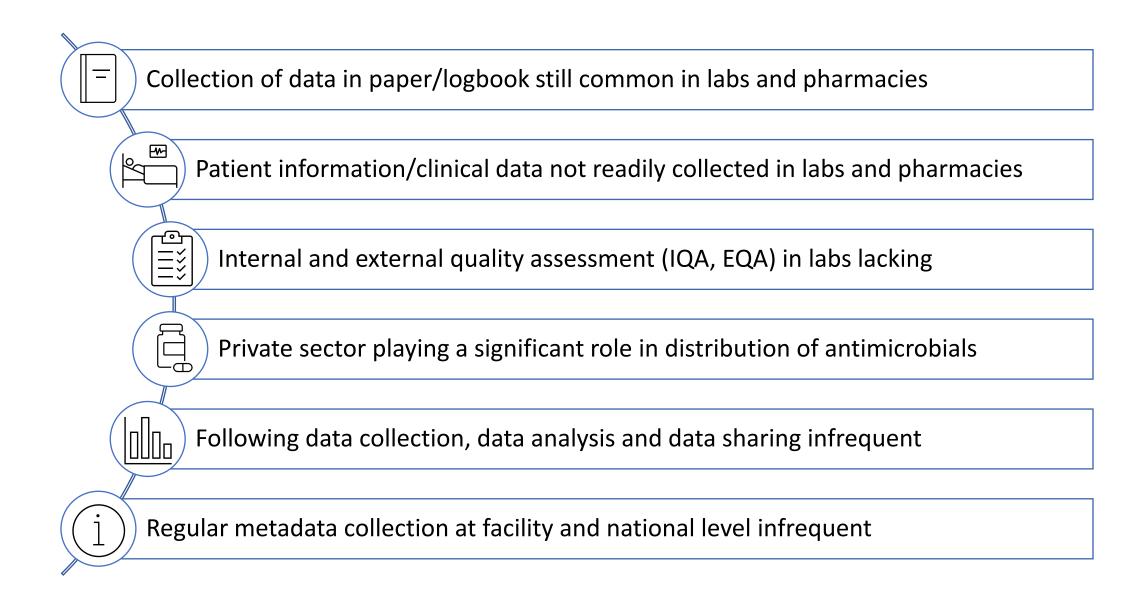


Findings of AMU Questionnaire II

TYPES OF DATA VARIABLES COLLECTED (N=183)

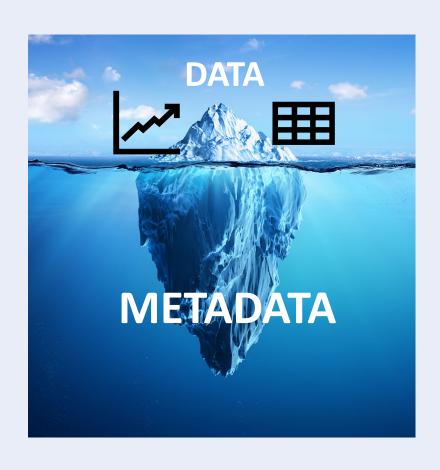


Key Findings



Importance of metadata

Metadata gives contextual information!



- To map out availability of data and data format
- To understand quality of data and facilities generating data
- To interpret data and analyses
- To monitor and assess status of systems in place
- To plan for action and next steps
- To monitor and assess initiatives/projects

Importance of metadata (example)



Use of Metadata in CAPTURA

Metadata guiding varying stages of project

Metadata providing contextual information on quality and system in place

Metadata helping to interpret data

Facility related Information

AMR/U
Questionnaire

Lab Assessment

Dataset related Information Identification of relevant facilities Confirmation on presence of data Selection/prioritisation of facilities for data sharing Data uploaded to warehouse Selection of data/ for analyses Data analyses