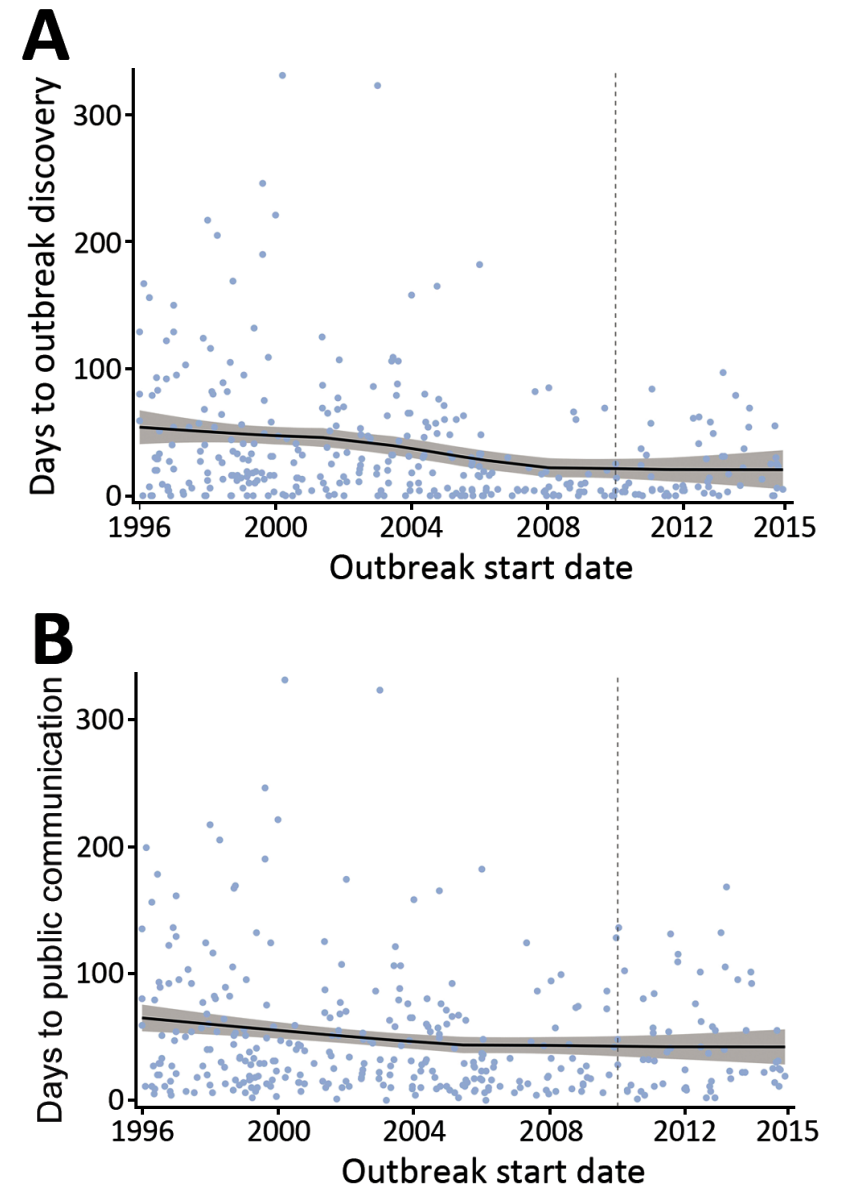


# Building capacity to respond to Emerging infectious Diseases in Low and Middle income countries

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# Response to EID in LMIC : timeliness

- Examples of too little, too late
  - SARS 2003
  - MERS 2014
  - Ebola
- The timeliness of outbreak detection and communication is improving, especially in LMIC countries



# What is capacity development?

	Practice	Result
Development Aid	Granting resources to developing countries	Input focused Risks dependence on foreign funds
Technical assistance	Foreign experts operate their own projects	Projects disconnected from local priorities Assumes no local resources Dependence on foreign experts Expertise not necessarily transferred
Technical cooperation	Training, transfer of knowledge based on national policies and priorities	Local expertise enhanced Projects more in line with local priorities Missed opportunities to develop local capacities
Capacity development	Empowering and strengthening endogenous capacity	Makes the most of local resources Favours sustainable change Inclusion approach Emphasizes deep lasting transformation

# Training programmes in EID response

- Streamed training
- Schools of public health
- Field Epidemiology training programs

# Field epidemiology training programmes

## Sample competencies

- Epidemiologic methods
  - Improving program delivery
  - Outbreak response
- Analyse epidemiological data
- Manage public health surveillance
- Use lab resources to support epidemiology
- Develop written and oral public health communications



- Use computers technology
- Management (team leadership)
- Epidemiology of priority diseases

# Capacity to respond to Emerging Infectious Diseases is multi-faceted

- Scientific methods
- Human / technical resources
- Health Infrastructure
- Policy development

# Summary

- Capacity to respond to EID is multi-dimensional
- Training is one (important) aspect
- EID response requires technical, policy and “soft” skills
- A capacity development framework encourages activities that promote sustainable, transformative change.