



Working in Liberia with WHO Aug- Sept 2014

Dr Margaret Fitzgerald
Public Health

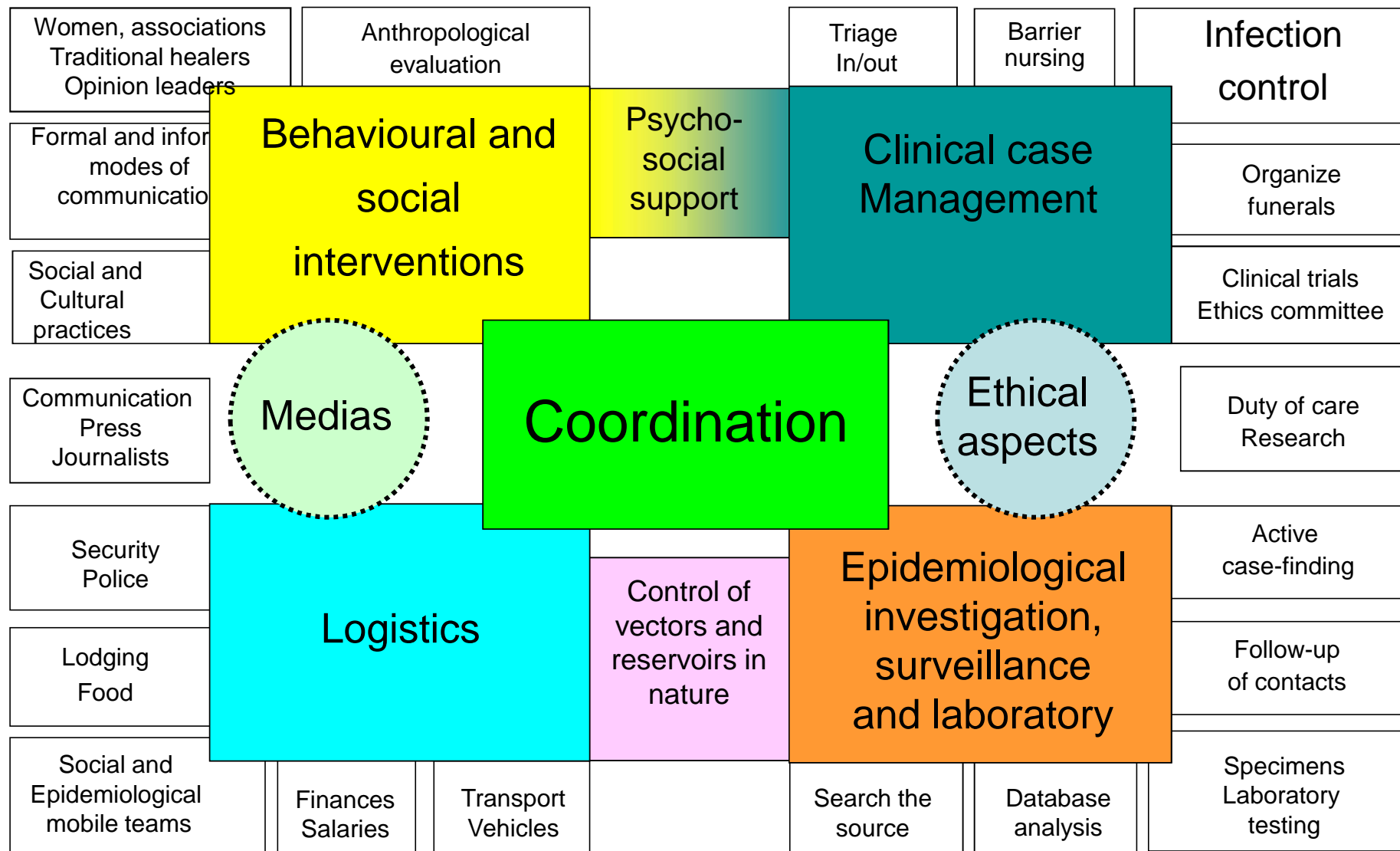
WHO support to control the outbreak

National leadership and risk communication

Outbreak control measures to stop transmission:

- Clinical Management and IPC
- Epidemiological investigation, surveillance and laboratories
- Behavioral and social interventions
- Logistics
- **My role**
 - To support coordination and national and local level
 - Assigned to Monserrado County MOH including Monrovia city
 - Based in WHO and MOH offices with outreach activities

WHO General strategy to CONTROL Ebola outbreak



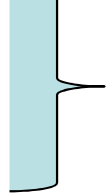
20 August 2014

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Status end August

- Scale and evolution of outbreak outpacing strategy and plans
 - 14 of 15 counties now affected
 - Major urban component – unprecedented
 - August 29 = 1,631 cases
 - 145 cases among HCWs = 2% of workforce
- Projections:
 - WHO (6 months) = 11,950
 - Others = >100,000

Priority Ebola Control Interventions

- Ebola Treatment Units
 - Safe burials
 - Infection prevention and control
 - Community engagement – social mobilization
 - Surveillance and contact tracing
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- Aim to get sick people and dead bodies out of homes*

Quarantine didn't work

The message

**EBOLA IS REAL. TOGETHER WE CAN STOP THE SPREAD!
YOU CAN SURVIVE EBOLA!**



TELL YOUR COMMUNITY LEADER

Call 4455 quick-quick! It is FREE!



KNOW THE SIGNS AND SYMPTOMS



DO NOT RUN AWAY OR HIDE
SICK PEOPLE

IF YOU GET A FEVER THAT STARTS QUICK-QUICK
AND ANY OF THESE OTHER SIGNS, CALL 4455

Other signs:



WEAKNESS, PAIN IN
THE BODY, HEADACHE,
OR SORE THROAT



RUNNING STOMACH



VOMITING



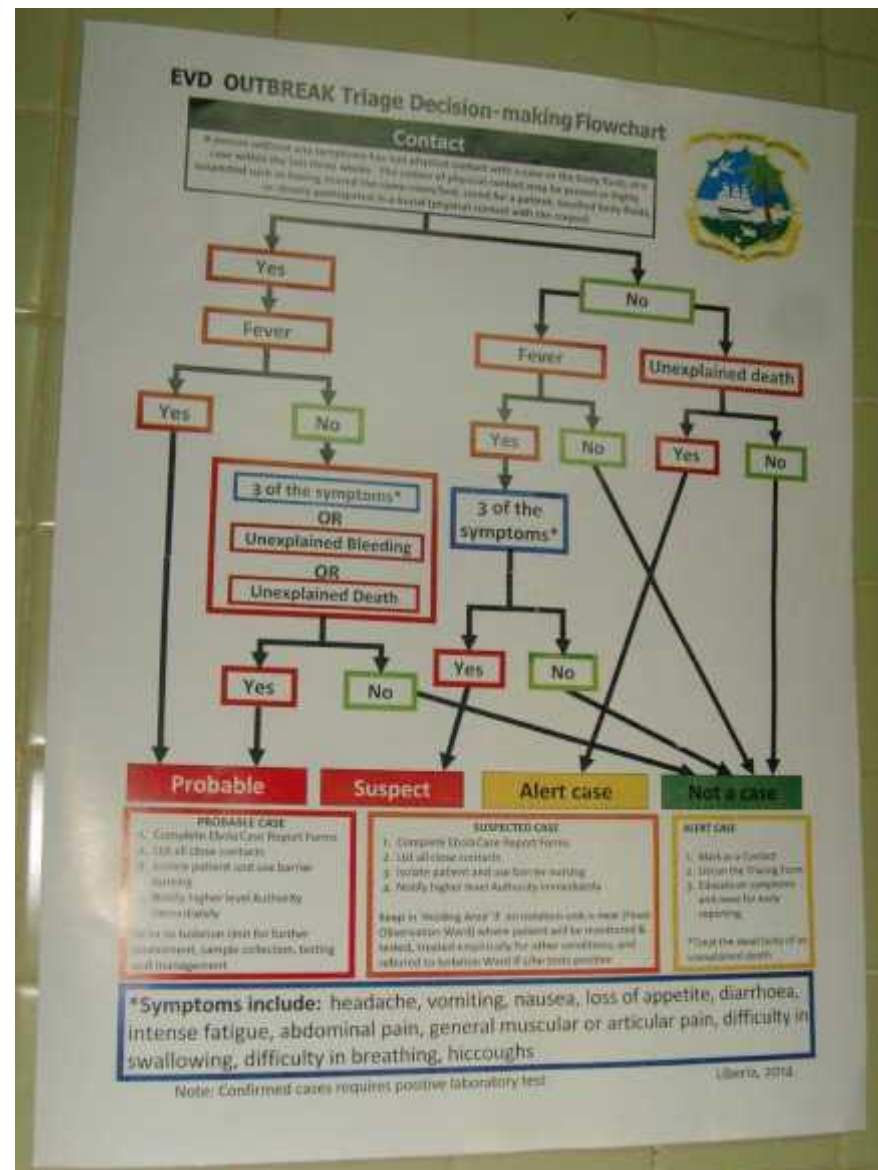
RASH OR BUMPS ON THE SKIN



RED EYES OR BLEEDING
FROM THE NOSE OR MOUTH

Clinical case management

Dispatch and Triage



Case Investigation started in community

Case Investigation cont.

No room in Treatment Centres private ambulances
collect patients



Ebola Treatment Unit (ETU)



- Support record keeping
- Minimal standardised dataset from all ETU

**Support in Monrovia
location of new ETU and
applying public health
principles to care issues**



Going into high risk zone MSF treatment unit

MOH WHO Treatment unit @JFK Hospital



MOH WHO Treatment unit @JFK



Getting new Treatment units

**Island Clinic – newly converted
old private hospital Monrovia**



Laboratory

- **Initially just one Lab- national reference**
- CDC Canada set up lab in MSF centre – 6 hours turnaround time
- New mobile labs established since end September
- Lacking key information for interpretation
- Lacking unique identifier

Case information			
Surname	Other Name	Age (years)	Gender Male <input type="checkbox"/> Female <input type="checkbox"/>
Date of symptom onset (yyyy-mm-dd) _ _ _ _ - _ - _		Case ID LIB - -	
Specimen information			
Date of collection (yyyy-mm-dd) _ _ _ _ - _ - _	Place of collection (ECC, ETU, CHO)	Specimen number Initial <input type="checkbox"/> Repeat <input type="checkbox"/>	
Name of contact person for result		Phone number of contact person for result _ _ _ _ - _ - _	



Safe Burial



- **Need to develop guidelines and training for burial teams**
- **Burial forms No standardised reporting/ Linkage with national database**
- **No unique identifier**
- **Commemoration ceremony planned**



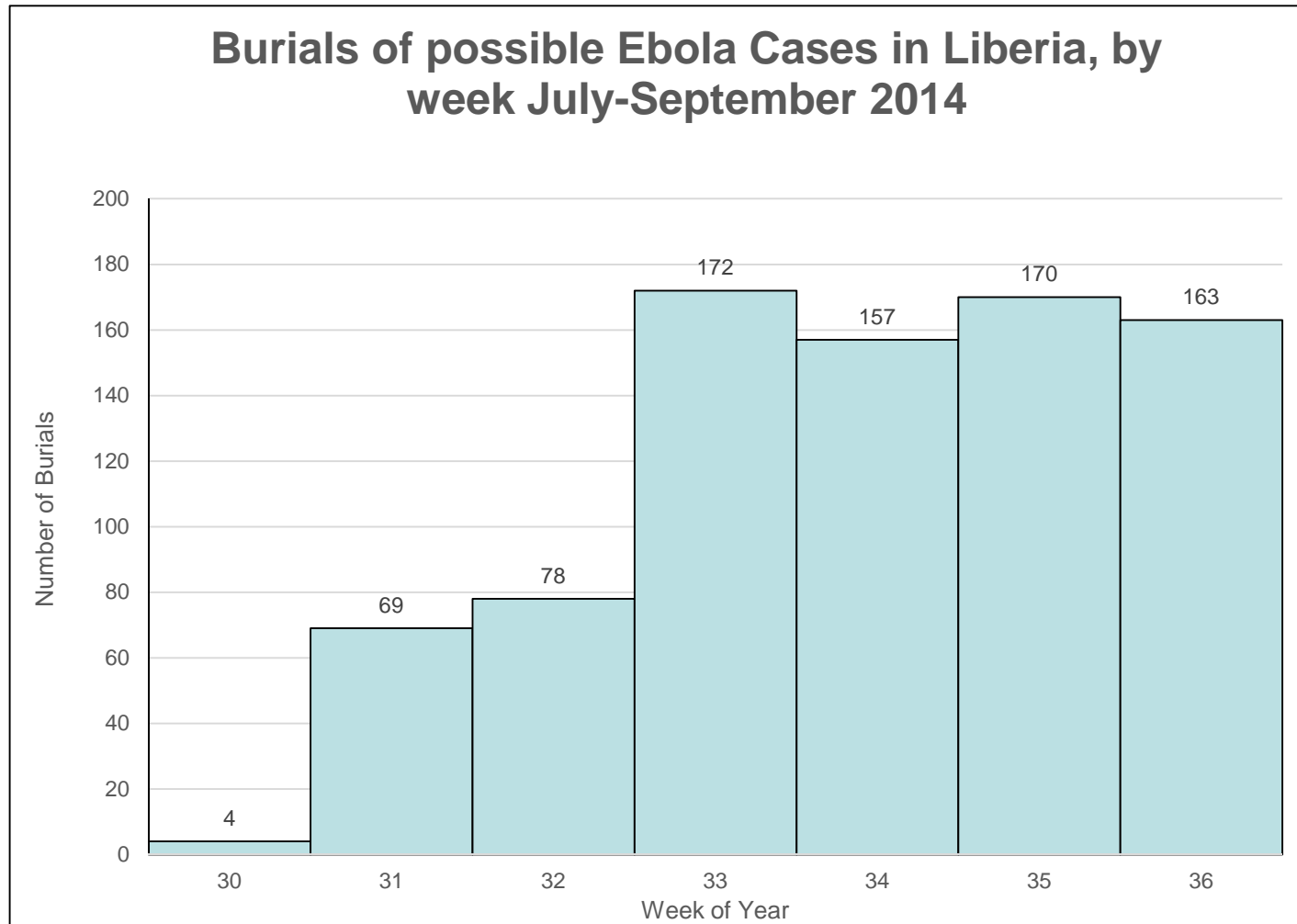
ICRC

At the crematorium

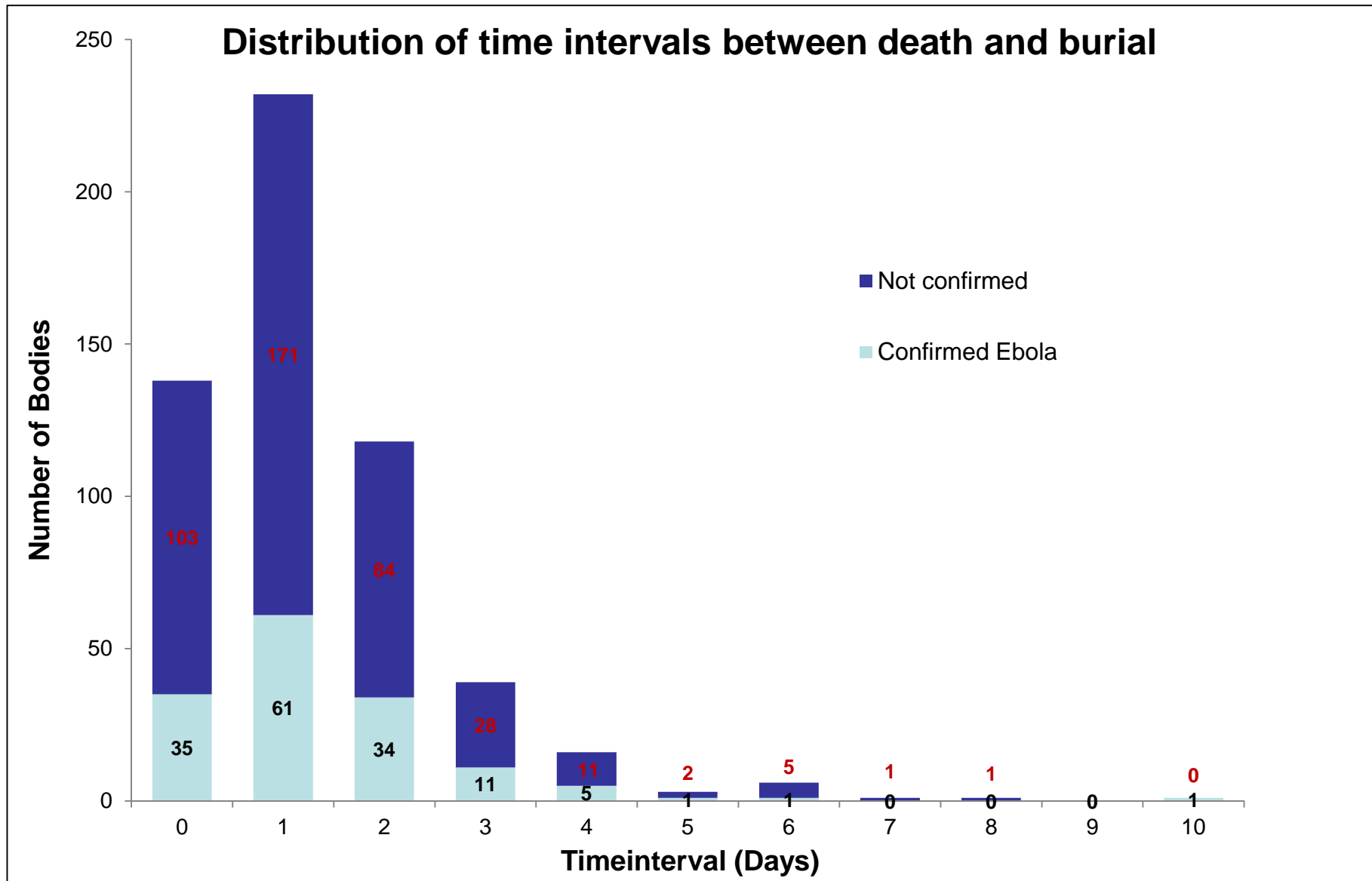
**Rapid expansion of City crematorium
and change in burial practice**

Cemetery engaging community

Burials by week



Time interval between death and burial



County Health coordinator Monserrado

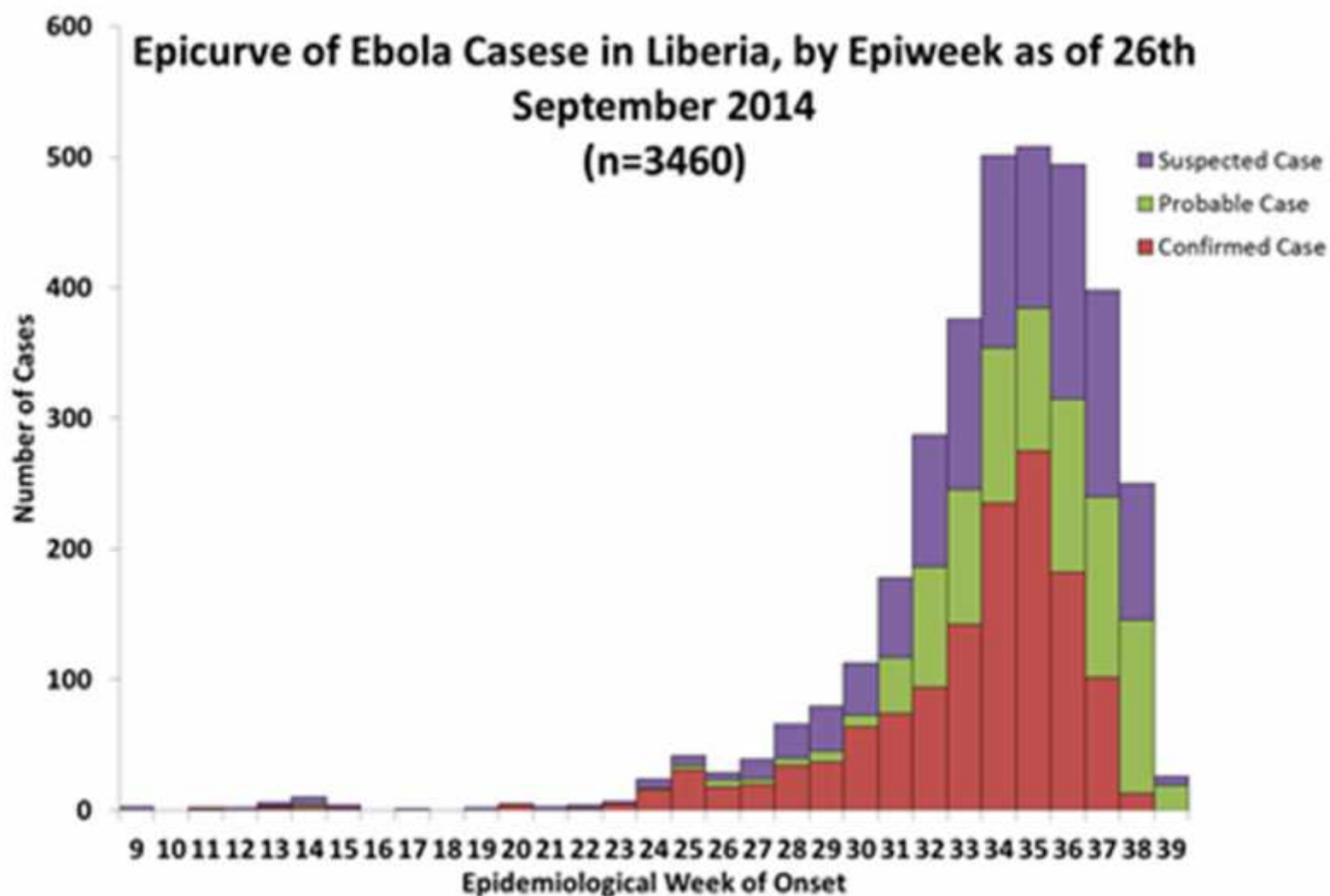
Health facilities

- Hospitals and health centres closed
- Re opening a challenge
- Redemption and others become “holding centres”

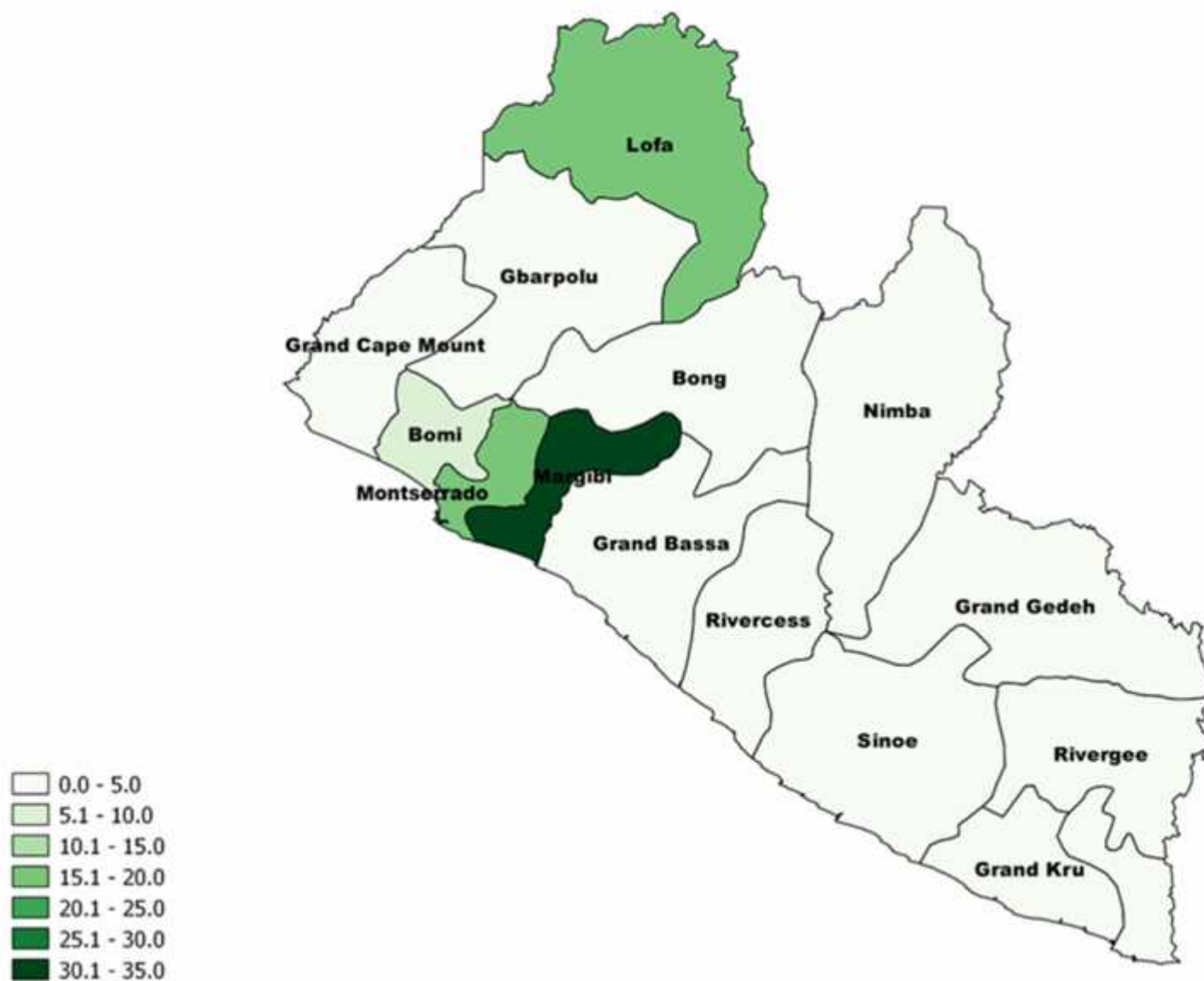
Social Mobilization and Community Engagement

"Cannot end this outbreak without the community"

- Issues: lack of confidence; fear; inconsistent messaging; traditional practices
- Aligning messages
 - MOHSW develops messages and materials
 - MoI distributes;
- Channels of communication
 - Radio
 - CHVs
 - Community leaders
 - School children



Cumulative Incidence of Ebola per 10,000 population by county- 27th September 2014



Acknowledgement

- Dr Orla Condell EUPHEM
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