

SAGE October 2018 Meeting



Opportunities for early warning and preventive action for outbreaks
Case study: Diphtheria outbreak in Cox's Bazaar

Thursday October 25, 2018

Introduction

Indonesia fights 'extraordi outbreak that has killed 32

Rohingyas at risk of diphtheria face shortage of medics, antitoxins

Reuters . Cox's Bazar/ New Delhi | Update: 22:21, Dec 28, 2017

Latest News

Haiti records 45 deat diphtheria

Tuesday, December 26, 2017 3 Comments

Like 77 Share Tweet

Venezuela: Bolivia

by NEWS DESK

June 24, 2018 Headlines, L

Multiple Outbreaks

Jun 7, 2018 | Emily Wolfson | O

Brazil rushes to thwart measles outbreak from Venezuelans

By BEATRICE CHRISTOFARO Associated Press Aug 6, 2018 (0)



in the war torn country. Most diphtheria cases
hs have been reported in #lbb
ate but the outbreak is spreading
ady affecting 13 governorates.

Measles outbreak:
race to give a million
children MMR jabs

Monday, Oct 08, 2018

rts photos videos ind v wi ...

orted in Delhi, toll now

ormation for rise in cases.

by diphtheria

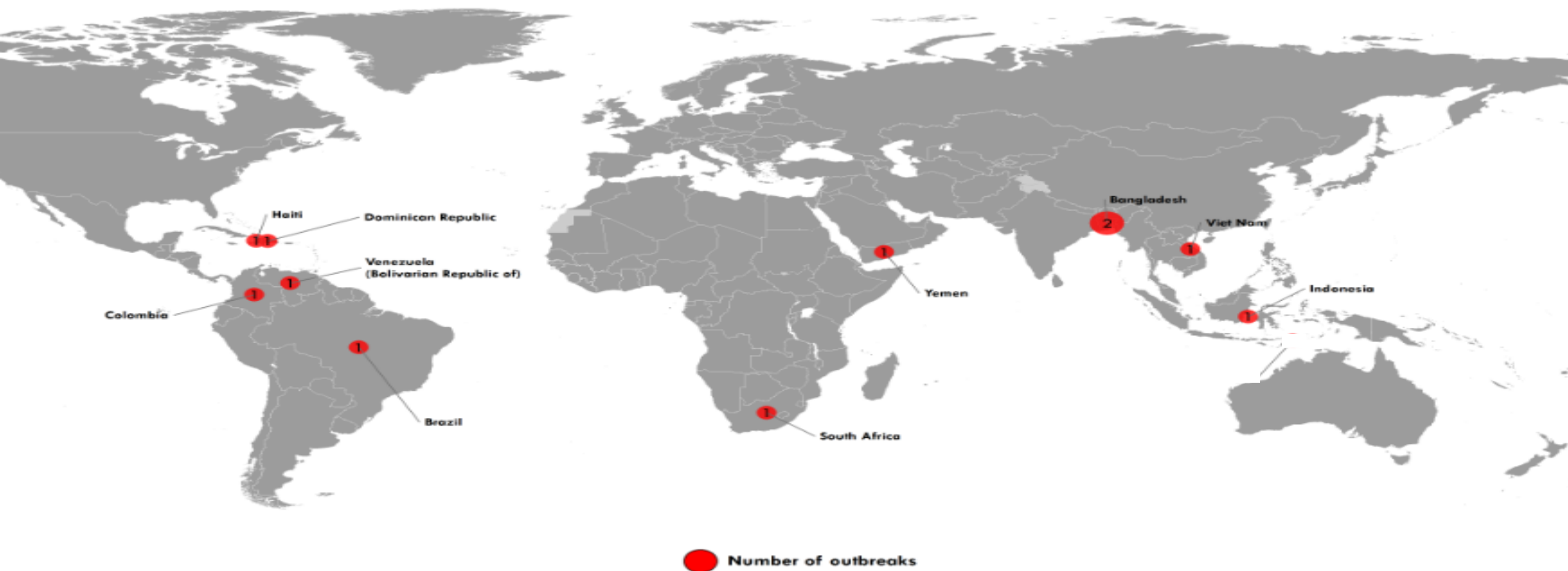
outbreak

Despite being almost eradicated worldwide, diphtheria is
a result of the country's civil war.

aghafi travelled to the remote village of
more than 40 people have contracted the

Diphtheria: Reported outbreaks 2016- 2017

Map date: 09 October 2018



Risk Drivers for outbreaks

Internally displaced
populations

Migrant/Marginalized
populations

Refugees in
Humanitarian crisis

Fragile Countries

Gaps in Routine Immunization Systems

Weak Health
Infrastructure

Policy Gaps
(implementation)

Crowding/ Slums

Vaccine hesitancy

Session Objectives

- To review immunization programme data available globally for identifying populations at-risk for vaccine preventable disease (VPD) outbreaks: ‘hot-spots’
- Reflect upon gaps and discuss potential ways to improve/enhance the data or methods of analysis to better anticipate or prevent VPD outbreaks
- Use diphtheria as a pathfinder – e.g., Cox’s Bazar as a case study

Outline

Introduction

Firdausi Qadri, SAGE Member

Case Study: Diphtheria Outbreak Response in Cox Bazar, Bangladesh

Sunil Bahl, Regional Advisor, VPD
SEARO

Mapping of Global Programme Data and Gaps

Marta Gacic-Dobo, Team Lead
Strategic Information Group, EPI

Analytic tools Vaccine decision information systems (work in progress)

Ana Maria Henao Restrepo, Team
Leader, IVR
William Panhuis, University of
Pittsburgh

Discussion

All