

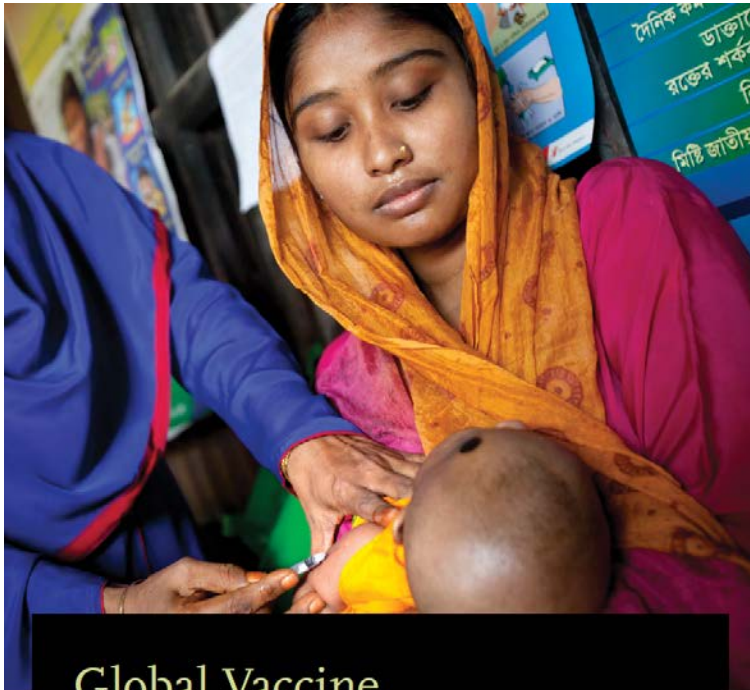
Global Measles Update

James L. Goodson, CDC / CGH / GID
Advisory Committee on Immunization Practices
Atlanta, Georgia, June 26, 2014

Overview

- Global Vaccine Action Plan
- Measles and Rubella Strategic Plan and Vision
- Measles and Rubella Targets
- Progress toward Measles Elimination

GVAP approved by the World Health Assembly in 2012



Global Vaccine Action Plan

2011–2020

The vision

for the Decade of Vaccines (2011–2020) is of a world in which all individuals and communities enjoy lives free from vaccine-preventable diseases.

Dr. Seth Berkley
Chief Executive Officer
GAVI Alliance

Dr. Margaret Chan
Director General
World Health Organization

Dr. Christopher Elias
President
Global Development Program
Bill & Melinda Gates Foundation

Dr. Anthony Fauci
Director
US National Institute of Allergies
and Infectious Diseases

Mr. Anthony Lake
Executive Director
United Nations Children's Fund (UNICEF)

Ms. Joy Phumaphi
Executive Secretary
African Leaders Malaria Alliance

THE MEASLES & RUBELLA INITIATIVE: GLOBAL MEASLES AND RUBELLA

STRATEGIC PLAN 2012–2020

“With strong partnerships, resources and political will, we can, and must work together to achieve and maintain the elimination of measles, rubella and CRS globally”

Margaret Chan, DG, WHO

Anthony Lake, Executive Director, UNICEF

Timothy E. Wirth, President, UNF

Gail J. McGovern, President & CEO, ARC

Thomas R. Frieden, Director, CDC

Vision

Achieve and maintain a world
without measles, rubella and
congenital rubella syndrome



Measles and Rubella Targets

Global targets by 2015:

Measles vaccination coverage $\geq 90\%$ national and $\geq 80\%$ district

Measles reported incidence <5 cases per million

Measles mortality reduction of 95% vs. 2000

Global Vaccine Action Plan (GVAP):

Measles and rubella elimination in 5 WHO regions by 2020

Regional targets:

Measles Elimination goals set:

2000 AMRO

2012 WPRO

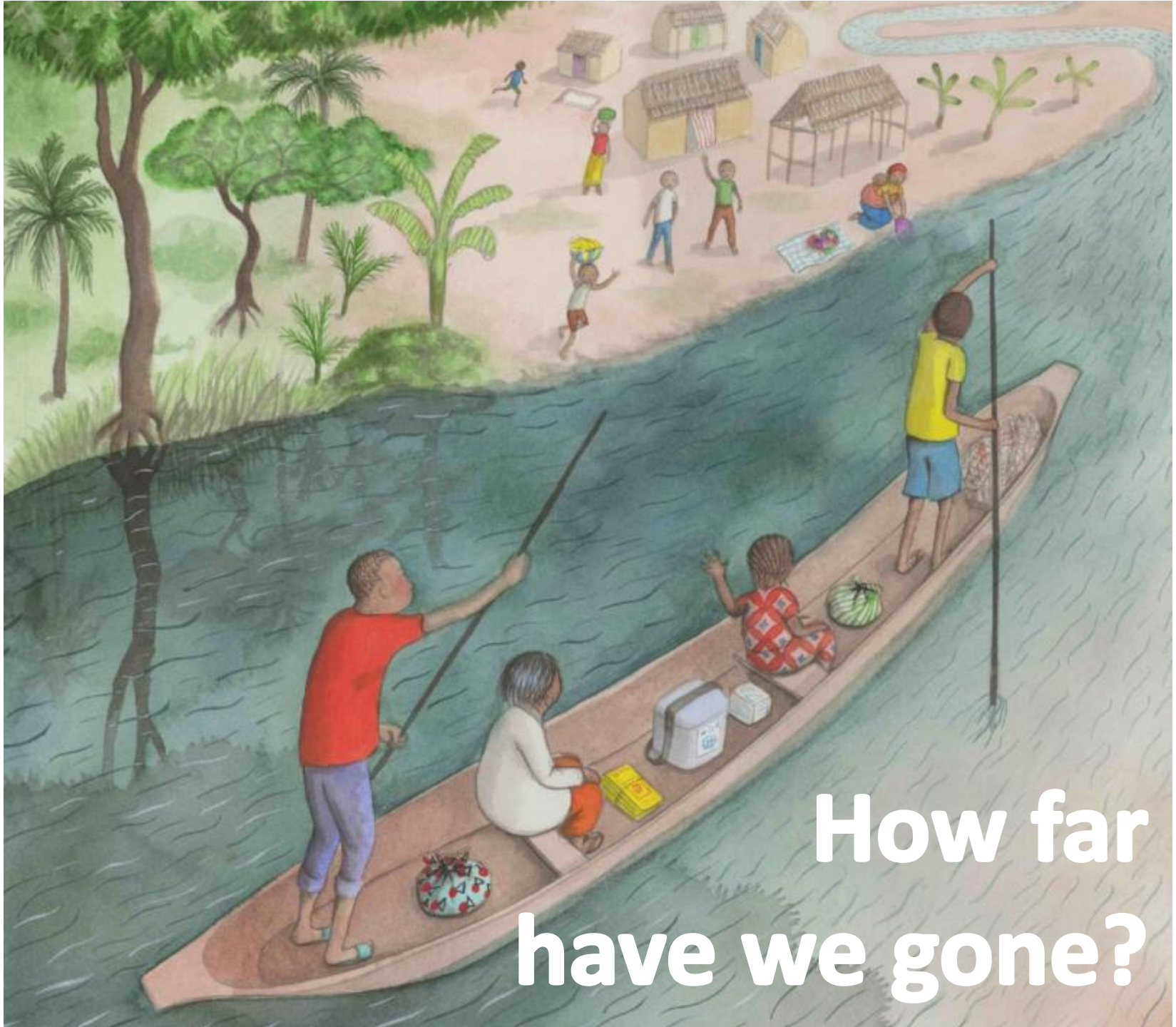
2015 EURO, EMRO

2020 AFRO, SEARO

Rubella Elimination goals set:

2010 – AMRO

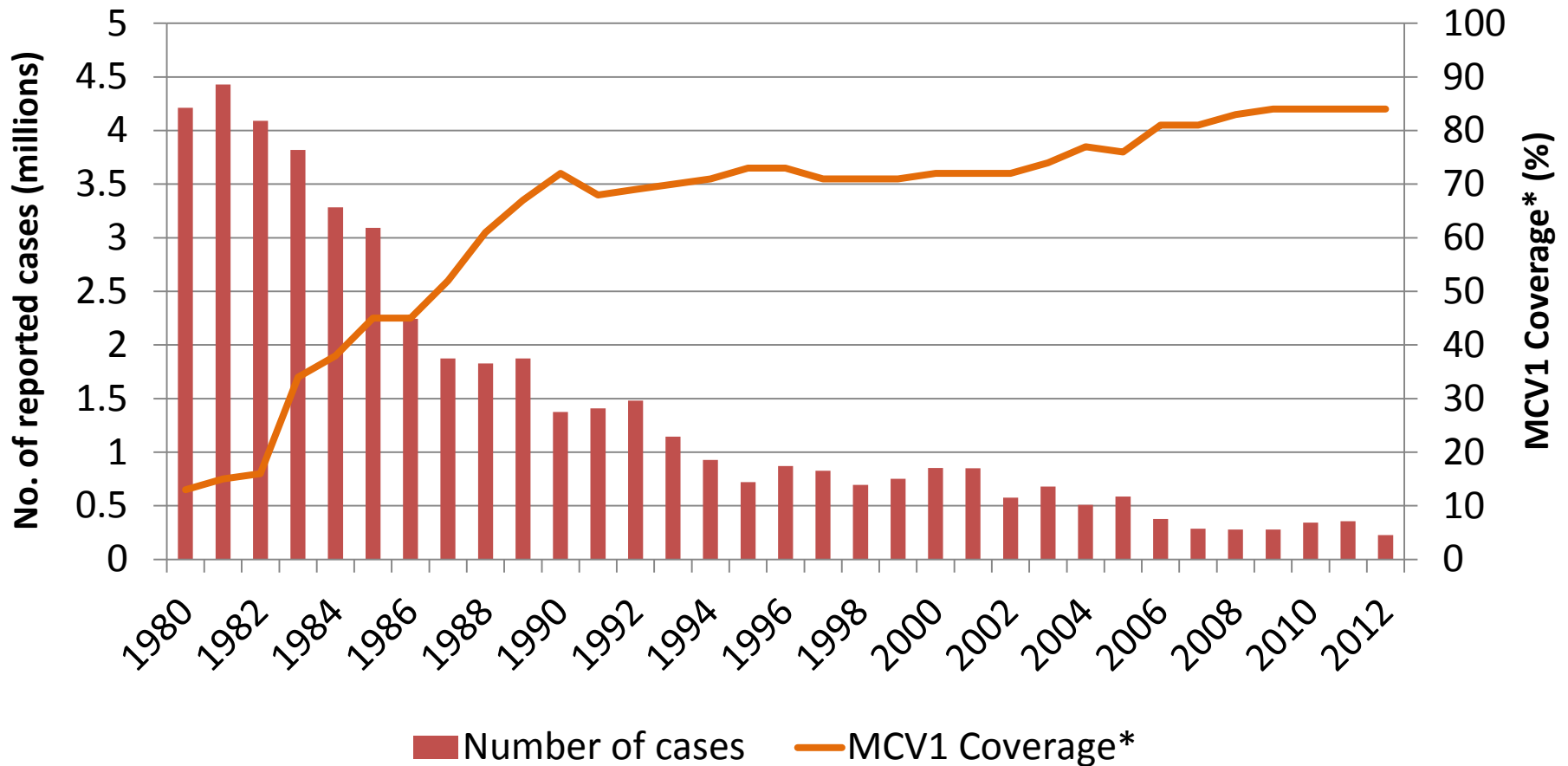
2015 – EURO



**How far
have we gone?**

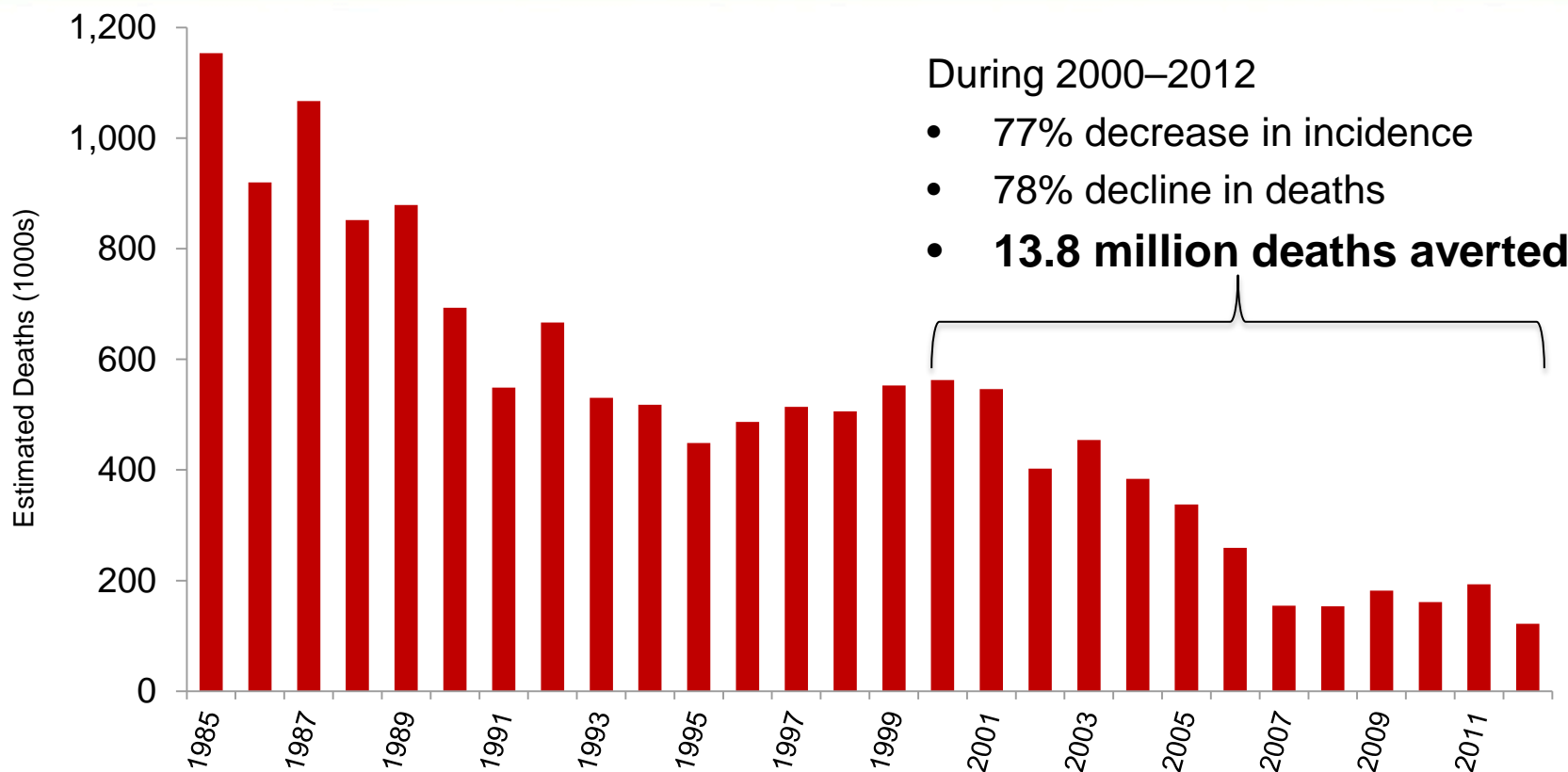
94% Reduction in reported measles cases

Measles global annual reported cases and MCV1 coverage*, 1980-2012

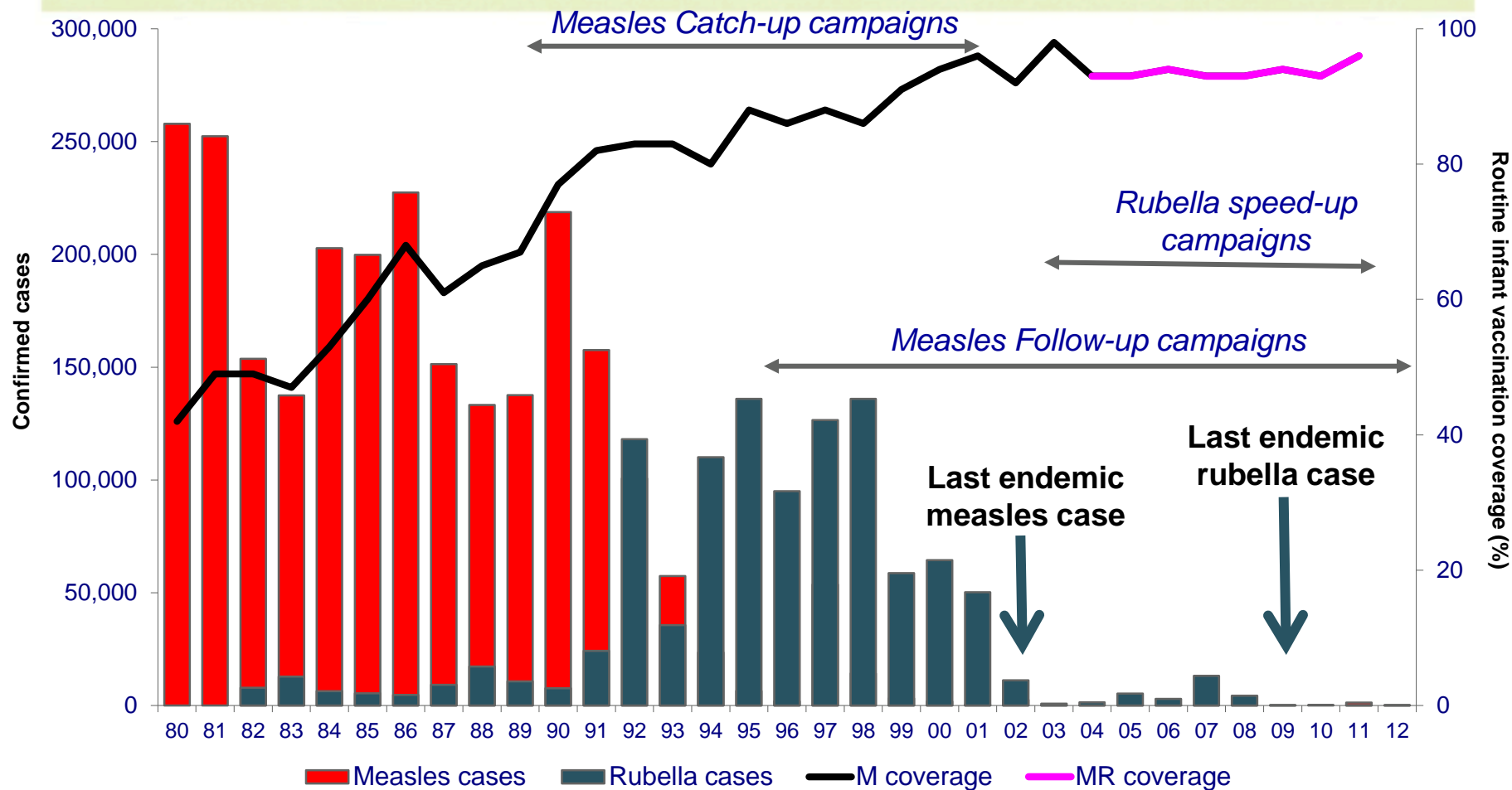


* MCV1 coverage: coverage with first dose of measles-containing vaccine as estimated by WHO and UNICEF

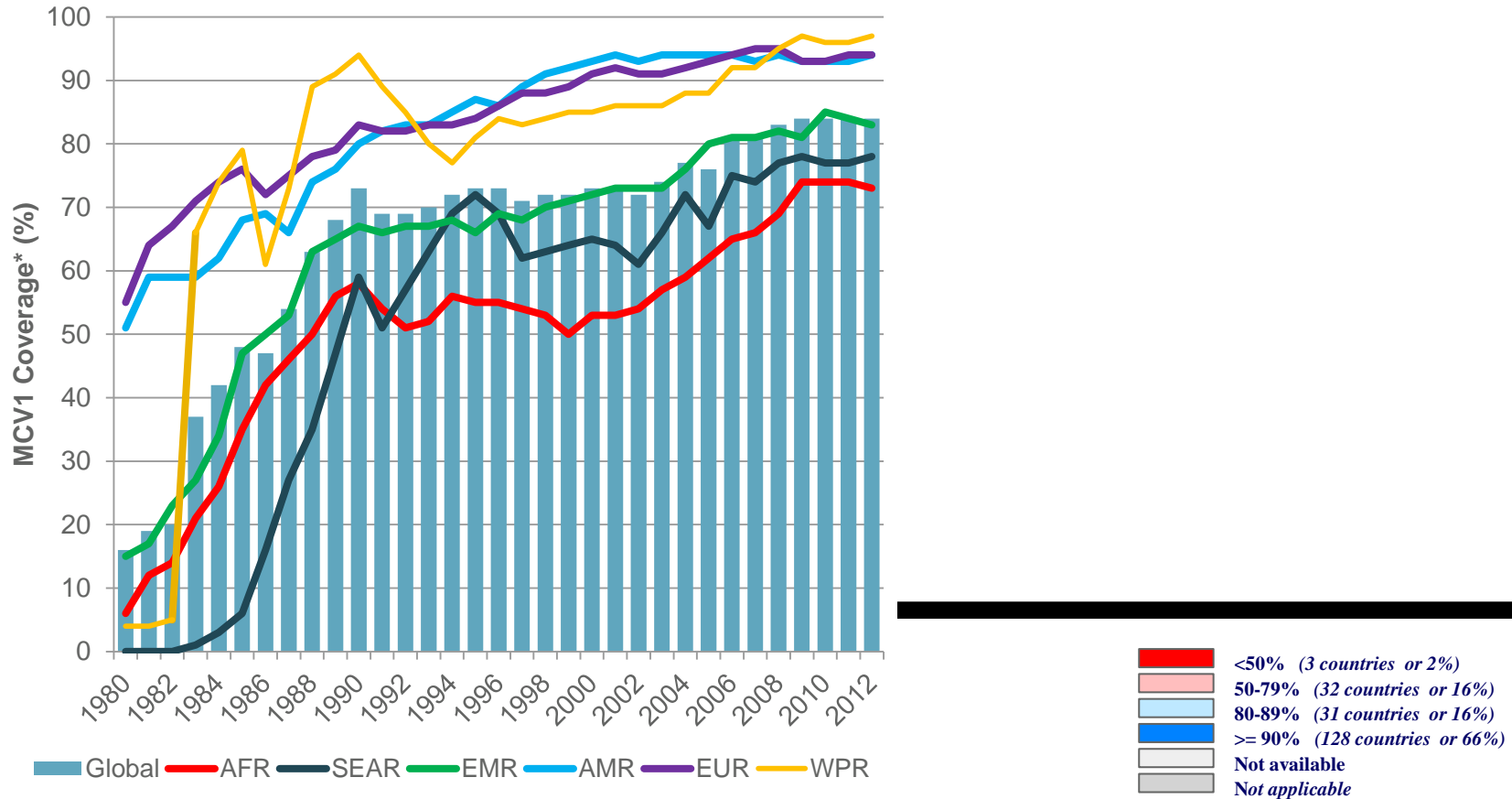
90% Reduction in Estimated Measles Deaths, 1985–2012



Reported Measles and Rubella Cases and Measles Vaccination Coverage among Infants, Region of the Americas, 1980–2012







Global MCV1 Coverage at 84% in 2012



Source: WHO/UNICEF coverage estimates 2012 revision. July 2013; Immunization Vaccines and Biologicals, (IVB), World Health Organization. Date of slide: 17 July 2013

Routine Measles Second Dose

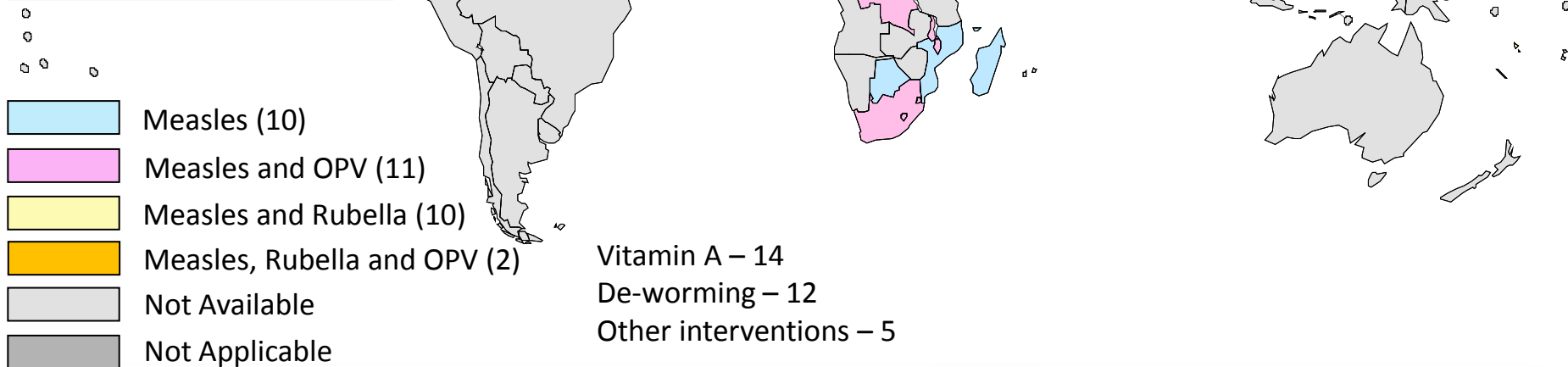
- Global MCV2 coverage 56% in 2012
- Increasing number of countries with MCV2
 - 145 in 2012
 - 149 in 2013
 - 5 more planned for 2014
- Important opportunity for establishing child health platform beyond first-year of life, vaccine catch-up

	Introduced to <i>date</i> (149 countries or 77%)
	Planned introductions in 2014 (5 countries or 3%)
	Not Available, Not Introduced /No Plans (40 countries or 20%)
	Not applicable

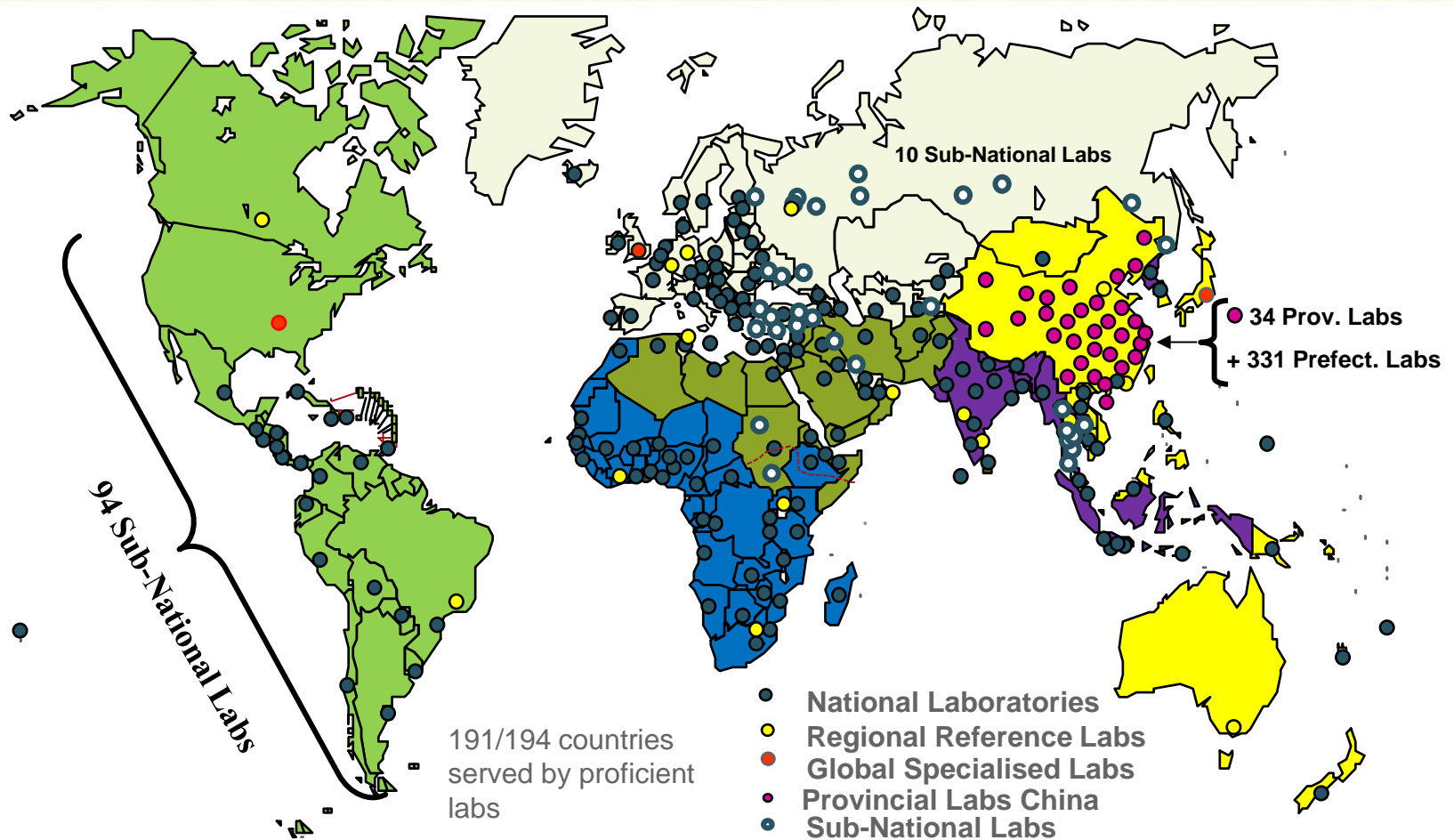
44 Measles Campaigns in 33 Countries in 2013

197 million children reached
24 (55%) achieved $\geq 95\%$ coverage

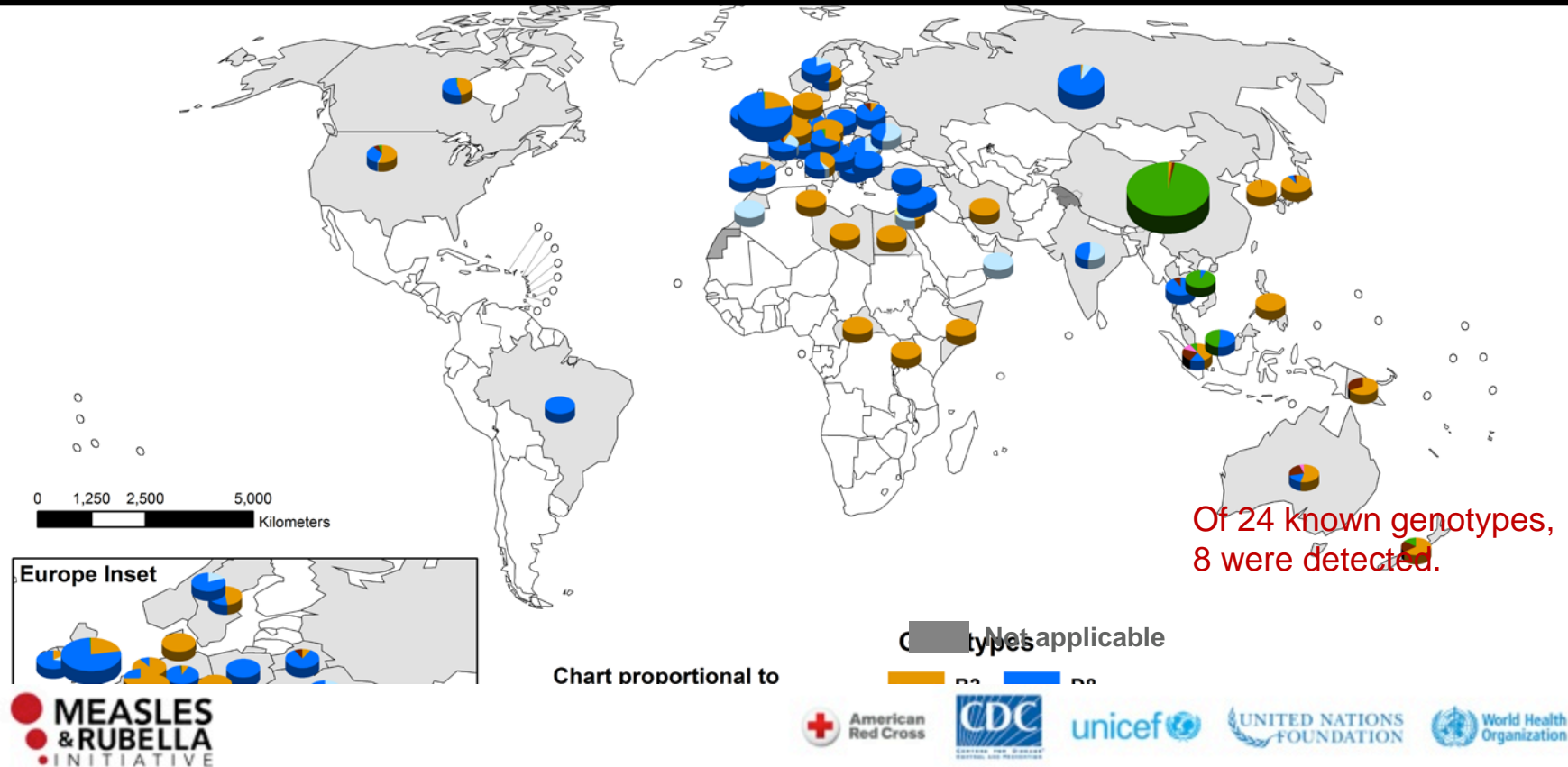
36 of 44 SIAs
integrated 1 or
more other
interventions



Global Measles and Rubella Laboratory Network: 711 Laboratories in 2013

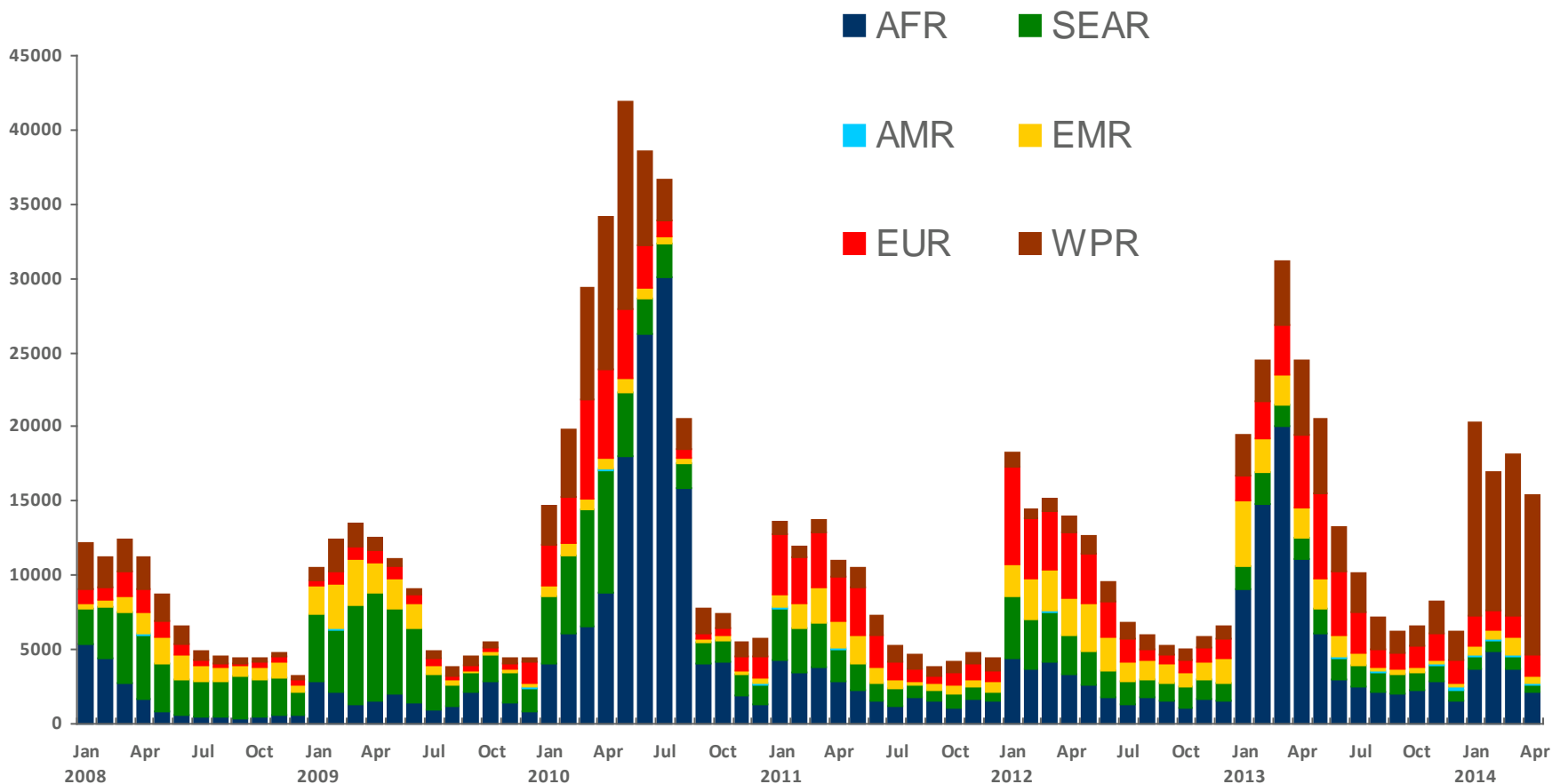


Distribution of Measles Virus Genotypes, Apr 2013–Mar 2014



Of 24 known genotypes, 8 were detected.

Measles Case Distribution by Month and WHO Regions, 2008–2014



This is surveillance data, hence for the last month, the data may be incomplete.
SEAR India is not included in this graph.

As of 27 May 2013, South Sudan has reassigned to the Africa region (AFR) from the Eastern Mediterranean region (EMR).



Reported Measles Incidence Rate*, May 2013 to Apr 2014 (12M period)

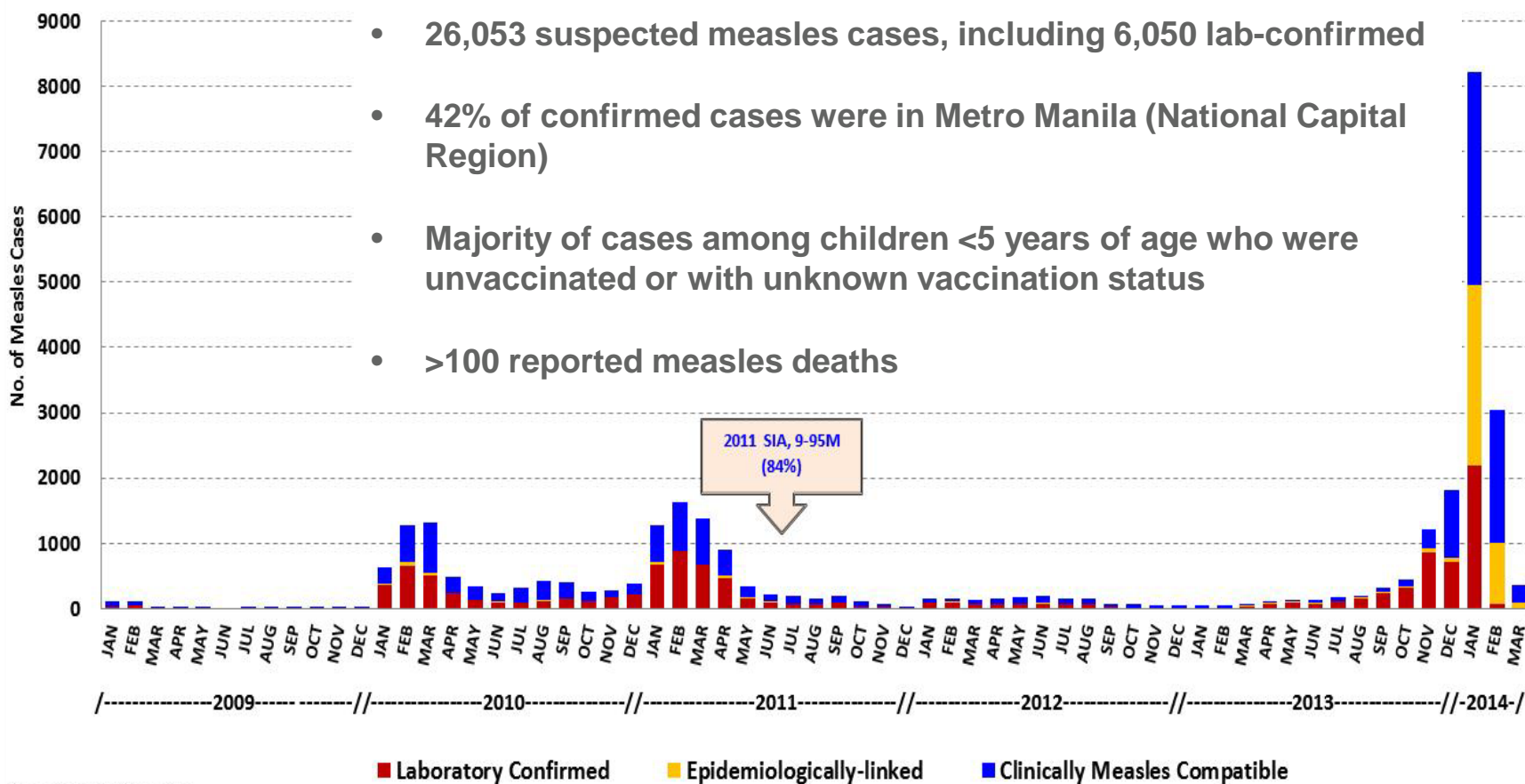
	<1	(83 countries or 43%)
	≥1 - <5	(28 countries or 14%)
	≥5 - <10	(11 countries or 6%)
	≥10 - <50	(43 countries or 22%)
	≥50	(14 countries or 7%)
	No data reported to WHO HQ	(15 countries or 8%)
	Not applicable	

0 1,250 2,500 5,000
Kilometers

*Rate per 1'000'000 population



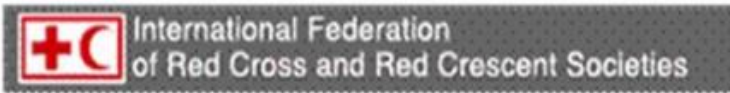
Measles Cases by Month of Rash Onset, Philippines, 2009–2014*



*as of March 15, 2014

Source: National Epidemiology Center

THANK YOU!



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Lions Clubs International
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Japan International Cooperation Agency



American Academy of Pediatrics
DEDICATED TO THE HEALTH OF ALL CHILDREN™

