



Pan American Health Organization



Regional Office of the
World Health Organization

Surveillance Performance Indicators: Measles Incidence

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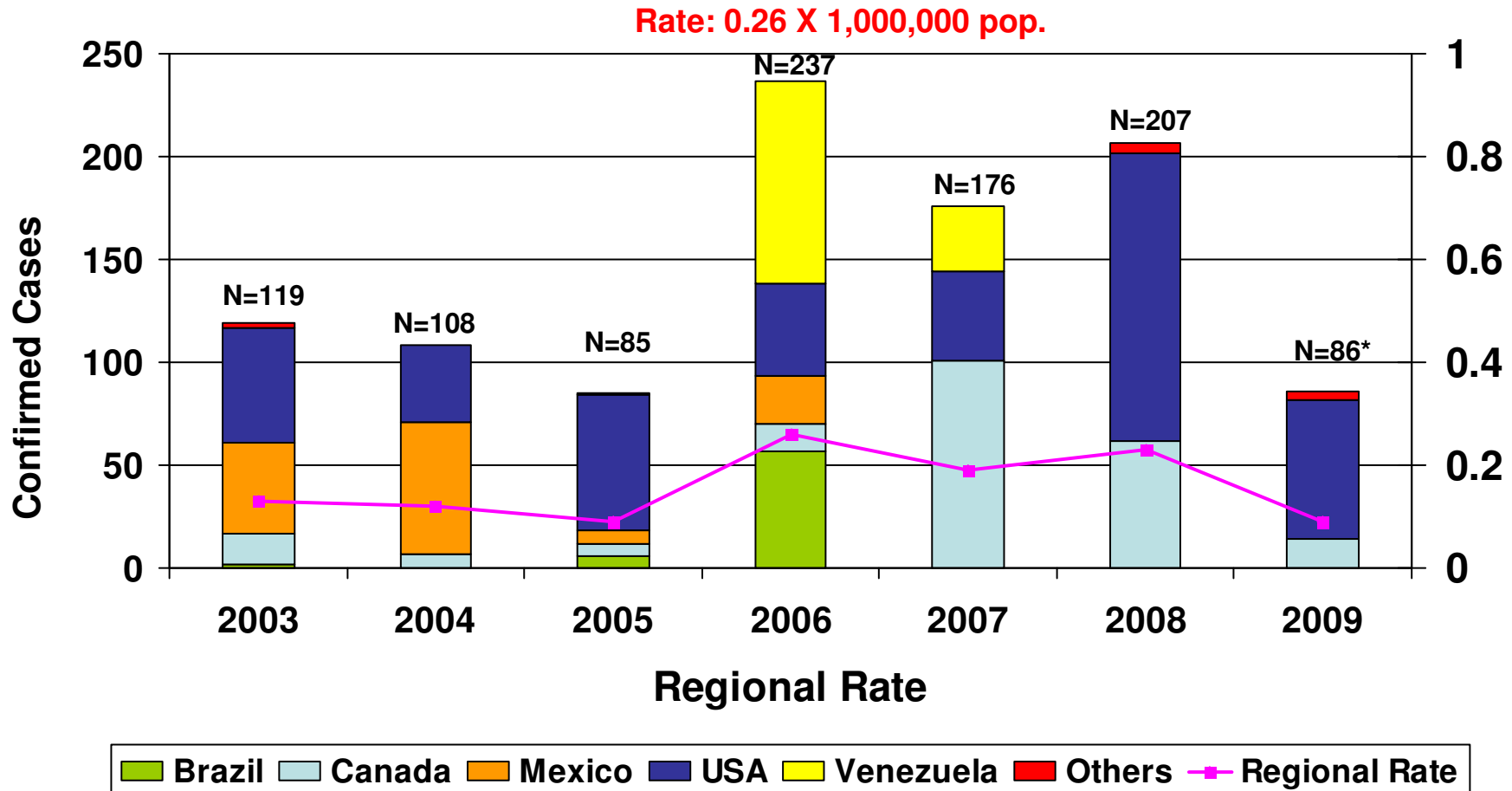
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**Global Measles Management Meeting
14-16 October 2009
Geneva**

Measles incidence rate as indicator to monitor progress towards elimination

How was the indicator $<1 \times 1,000,000$ estimated as a **break point** for reestablishing endemic measles virus circulation?

Distribution of Confirmed Measles Cases and Regional Rate After the Interruption of Endemic Transmission. The Americas, 2003-2009*

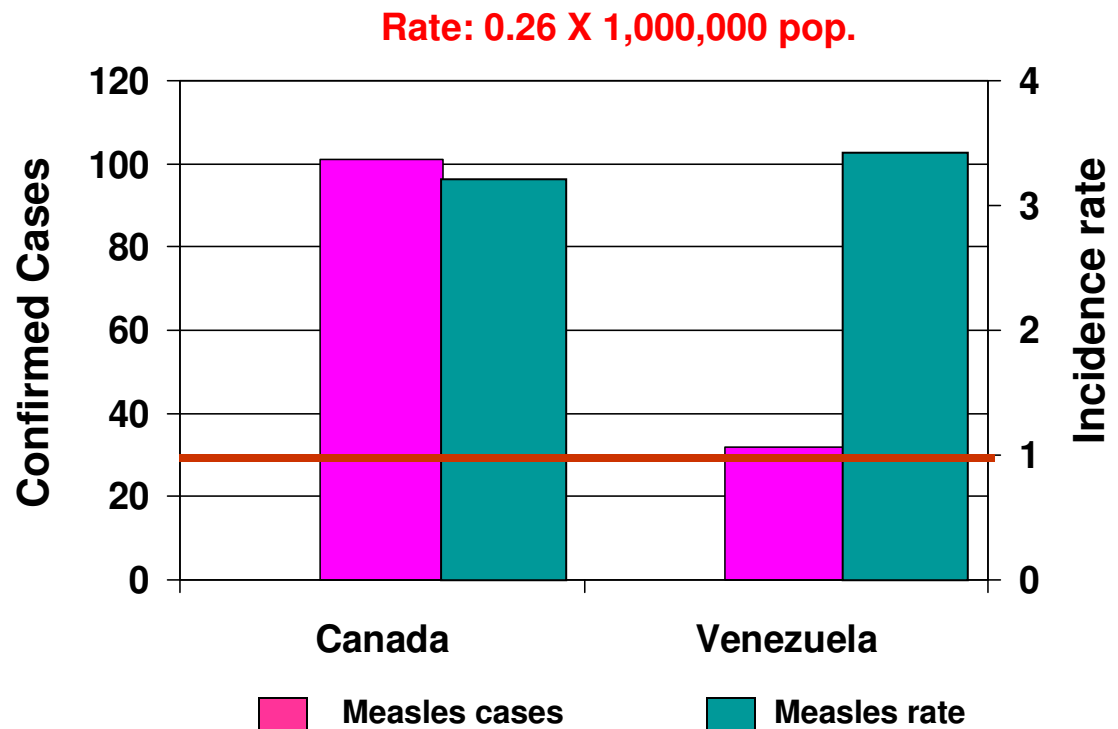


Source: Country reports to PAHO/WHO.

* Data until EW 39/2009.

Measles Cases and Measles rate after the Interruption of Endemic Transmission in Canada and Venezuela.

In 2006 Venezuela and in 2007 Canada had a measles incidence rate above 3/ 1,000,000 population. Was endemic transmission of measles reestablished in both countries?



Source: Country reports to PAHO/WHO.
* Data until EW 39/2009.

Is this indicator feasible?

- Regional rate?
- Country rate?

Additional comment:

- Imported measles cases occurred when individuals from the Americas were infected outside of the Region or when a traveler brought the virus into the Americas.
- If this rate refers only to import-related and endemic cases, why the indicator excludes individuals who went overseas and brought back the virus to the Region?