



Cervical Cancer Situation in Latin America and the Caribbean and PAHO/WHO Recommendations for the Way Forward

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PRESENTATION OVERVIEW

- Burden of cervical cancer in Latin America and the Caribbean (LAC)
- Programmatic response to cervical cancer
- PAHO/WHO strategy for comprehensive cervical cancer prevention and control

HIGHLIGHTS OF LAC REGION

POPULATION

(thousands)

N.Am: 347,500

LAC: 588,500



INFANT MORTALITY RATE

(1,000)

N.Am: 6.5

LAC: 18.7

GROSS NATIONAL INCOME

N.Am: \$46,000

LAC: \$7,000

MATERNAL MORTALITY

RATIO (100,000)

N.Am: 12

LAC: 74

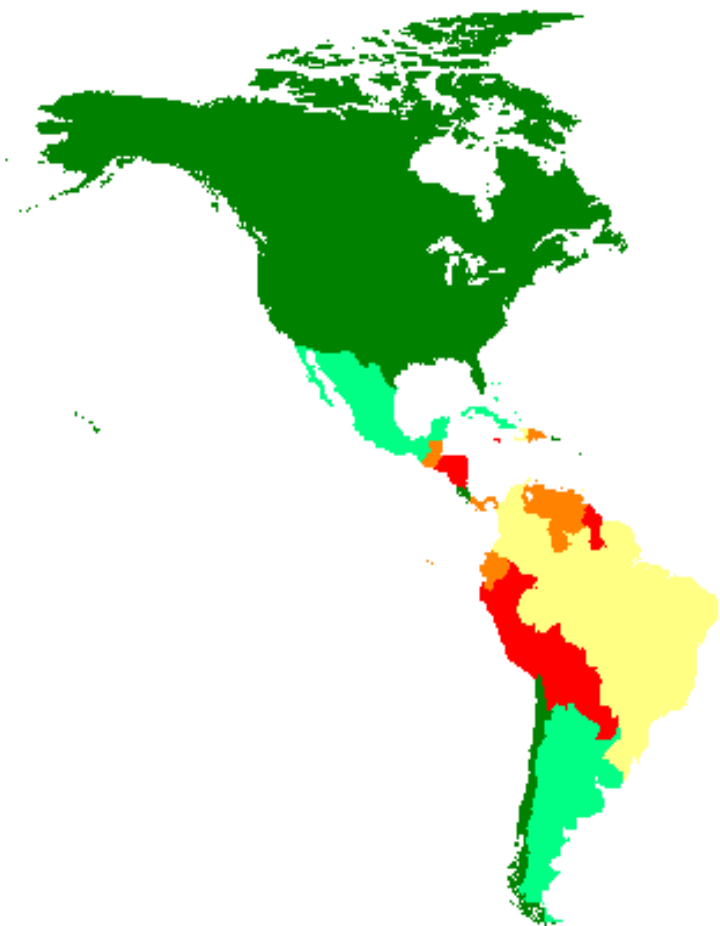
CANCER MORTALITY RATE

(100,000 population)

N.Am: 186

LAC: 94

CERVICAL CANCER IN THE AMERICAS



NORTH AMERICA:

12,300 new cases per year

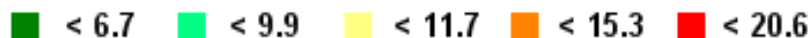
4,500 deaths per year

Latin America and the Caribbean:

68,000 new cases per year

31,400 deaths per year

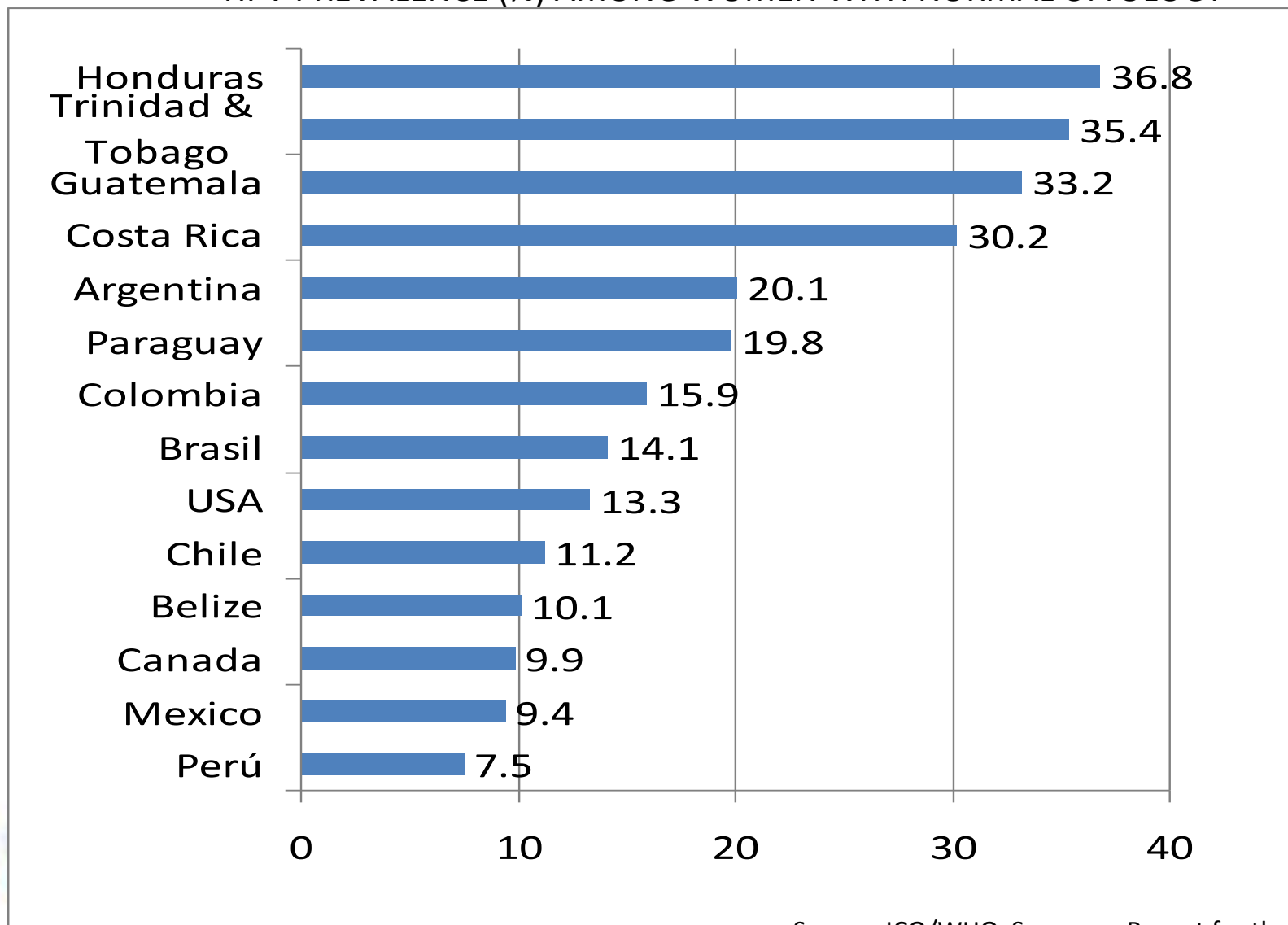
Age standardized mortality rate



Source: Globocan 2008

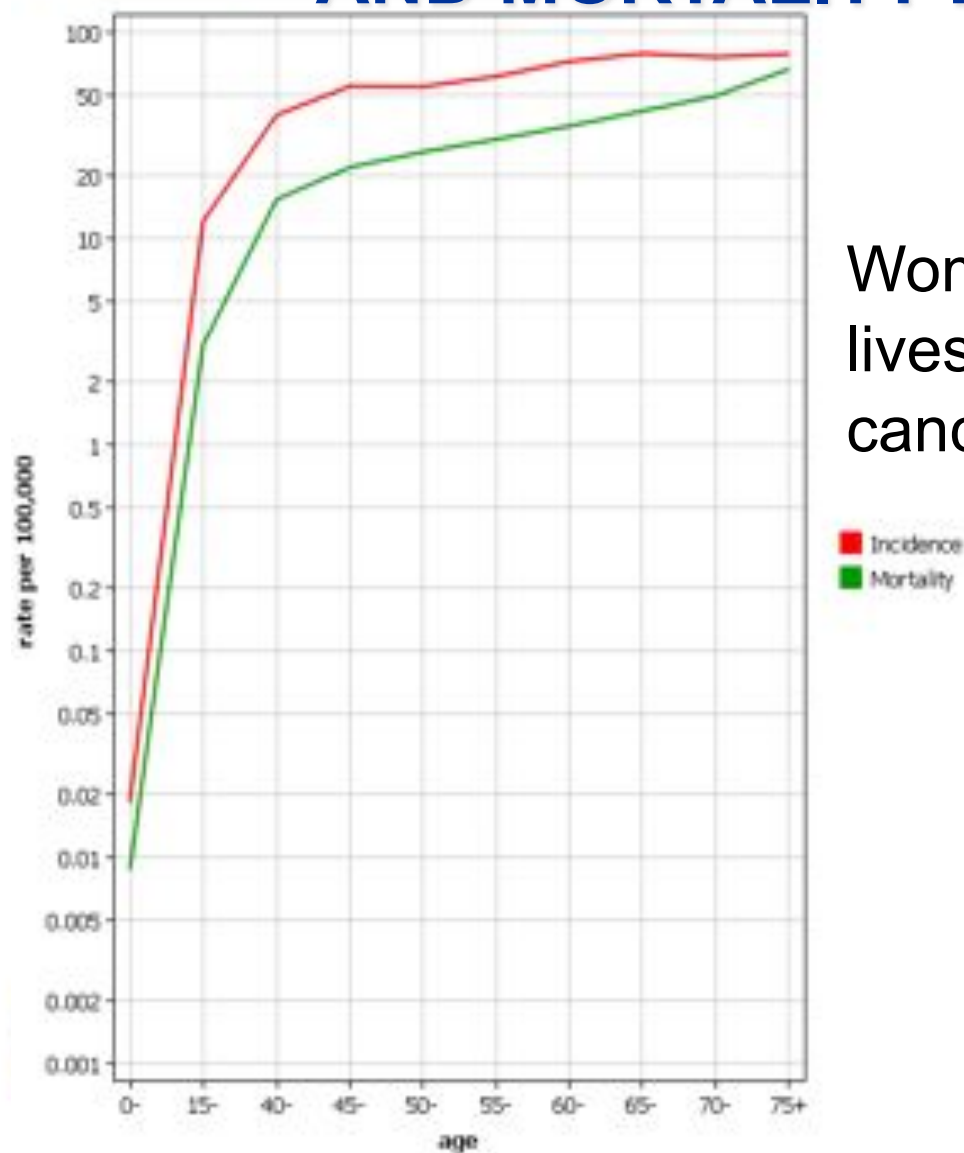
HPV PREVALENCE IN THE AMERICAS

HPV PREVALENCE (%) AMONG WOMEN WITH NORMAL CYTOLOGY



Source: ICO/WHO Summary Report for the Américas, 2009

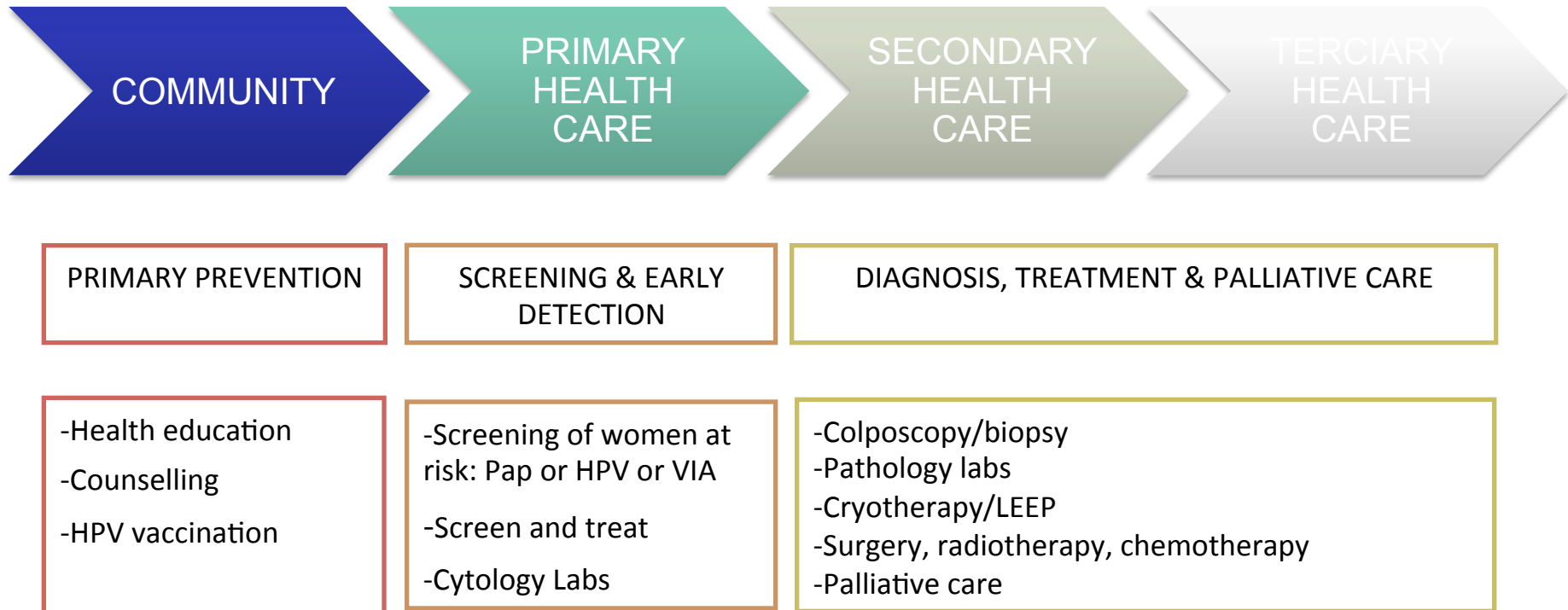
CERVICAL CANCER INCIDENCE AND MORTALITY BY AGE IN LAC



Women are in the prime of their lives when affected by cervical cancer

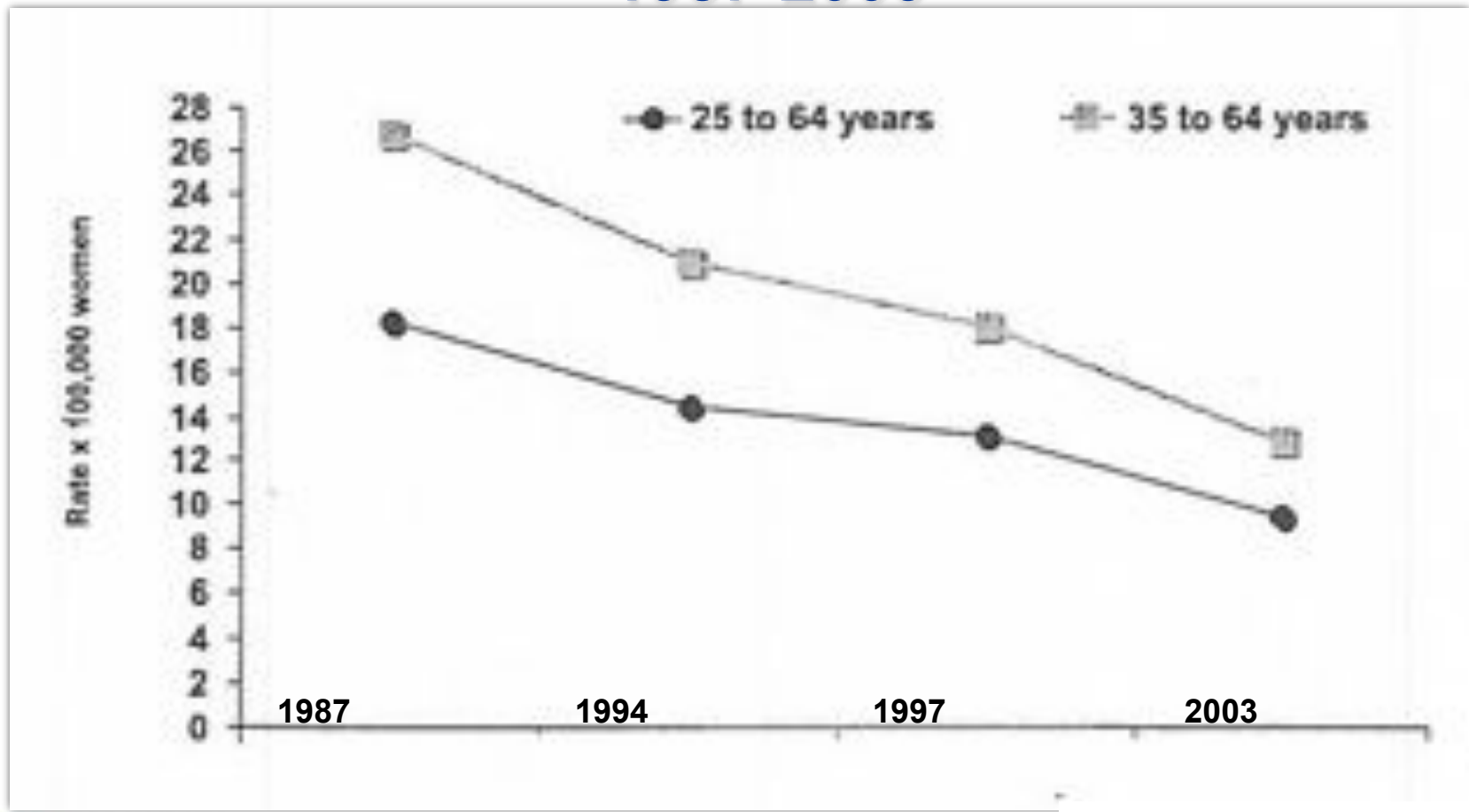


COMPREHENSIVE CERVICAL CANCER PROGRAMS

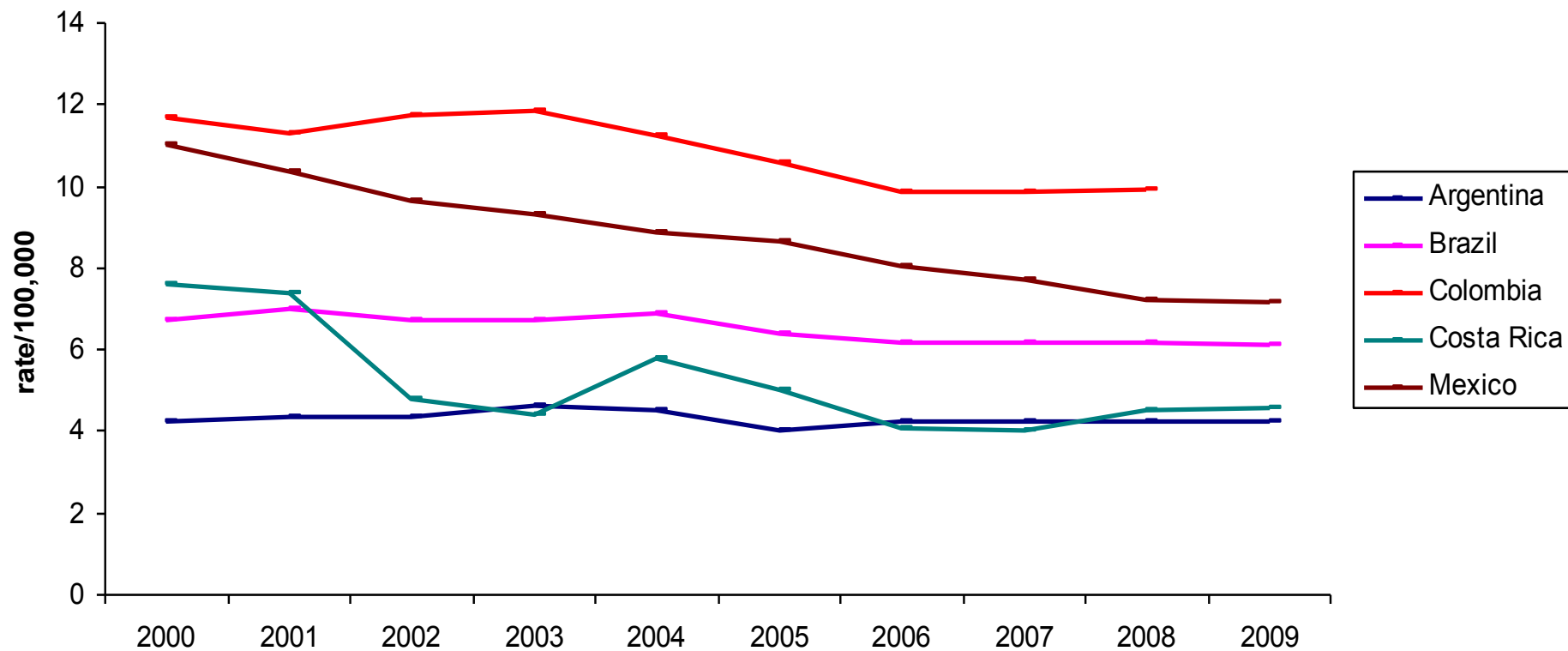


ORGANIZED PROGRAM
coverage/quality/follow up

CERVICAL CANCER MORTALITY IN CHILE 1987-2003



TRENDS IN CERVICAL CANCER MORTALITY IN SELECTED LATIN AMERICAN COUNTRIES



BARRIERS TO EFFECTIVE PROGRAMS IN LAC



program organization



limitations with cytology



socio-cultural barriers

OPPORTUNITIES TO IMPROVE PROGRAMS

- **HPV VACCINES**



- **NEW SCREENING TESTS**

HPV DNA Tests, VIA



- **SCREEN & TREAT APPROACH**

VIA followed by cryotherapy treatment



WHO RECOMMENDATIONS ON CERVICAL CANCER

Routine HPV vaccine should be included in national immunization programs, if:

- cervical cancer prevention is a priority;
- it is feasible and has sustainable financing
- priority: girls aged 9-13 years
- catch up: adolescent and young women (14-26)

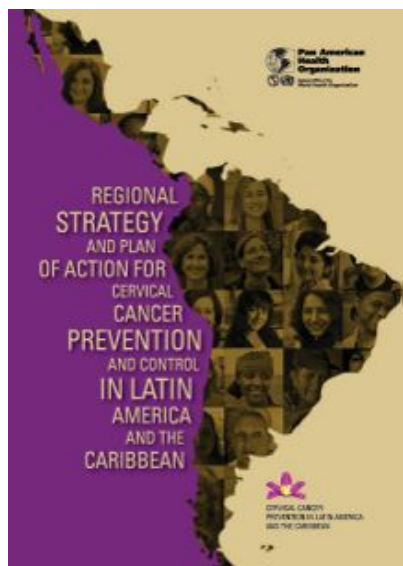


Screening guideline:

- 30 years+
- every 3 years
- cytology
- other tests (VIA, HPV, VILI) in pilot projects
- cryotherapy treatment effective



PAHO REGIONAL STRATEGY AND PLAN OF ACTION FOR CERVICAL CANCER PREVENTION AND CONTROL



1. Conduct a situation assessment
2. Intensify information, education and counseling
3. Fortify screening and pre-cancer treatment
4. Establish or strengthen information systems and cancer registries
5. Improve access and quality of cancer treatment and of palliative care
6. Generate evidence for decision making on HPV vaccine introduction
7. Advocate for equitable access and affordable comprehensive cervical cancer prevention

CERVICAL CANCER PROGRAMS IN LAC

HPV vaccines in national programs

Mexico (2008)

Panama (2008)

Peru (2011)

Argentina (2011)

Colombia (2012)

 Cytology testing

 Visual inspection screening + cytology

 HPV DNA testing

 Visual inspection screening only





CONCLUSIONS

1. Evidence and tools are available to improve impact of cervical cancer programs in LAC.

2. Intensified efforts are needed to:

- organize programs;**
- introduce HPV vaccines;**
- improve screening and treatment.**