



Pan American Health Organization



Regional Office of the
World Health Organization

<http://www.paho.org>

Immunization: The Unfinished Agenda and Achieving the Millennium Development Goals

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Background

- **Few public health interventions match the potential of immunization to transform the global health landscape**
- **In recognition of this, the strategies to achieve the MDG of reducing child mortality, improving women's health, control of diseases of global importance, and forging partnerships for health rely on immunization (MDGs 4, 5, 6, and 8)**

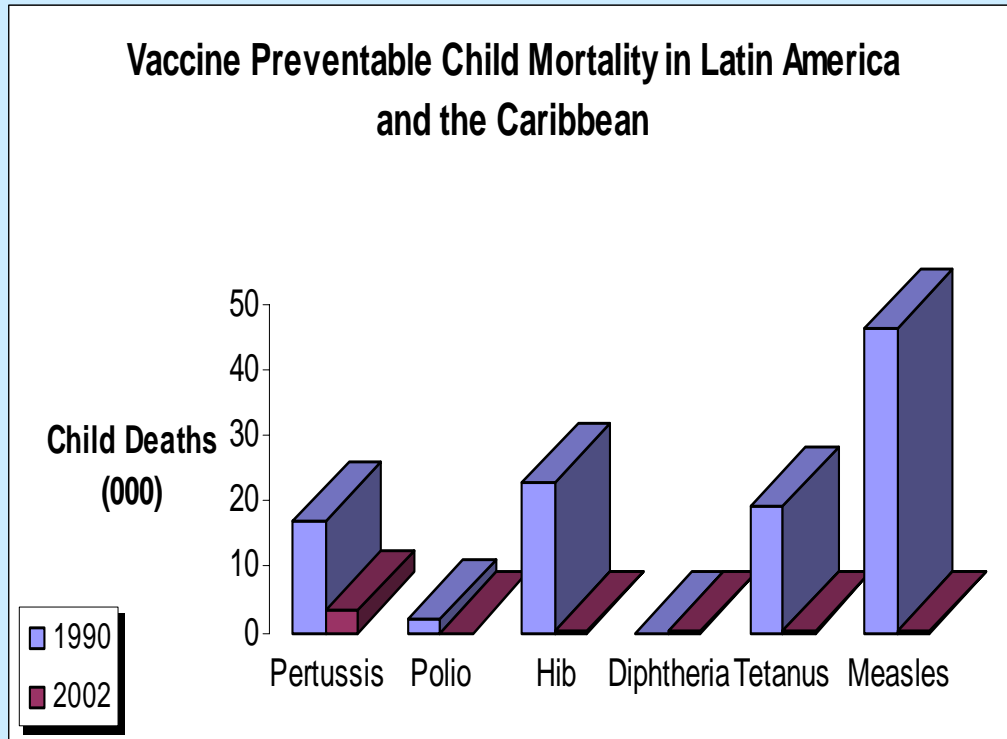


Guiding principles

- **Ensuring access and equity**
- **Accelerating control of vaccine preventable diseases**
- **Strengthening public health infrastructure**



Reducing Child Mortality and Morbidity, The Americas, 1990-2002

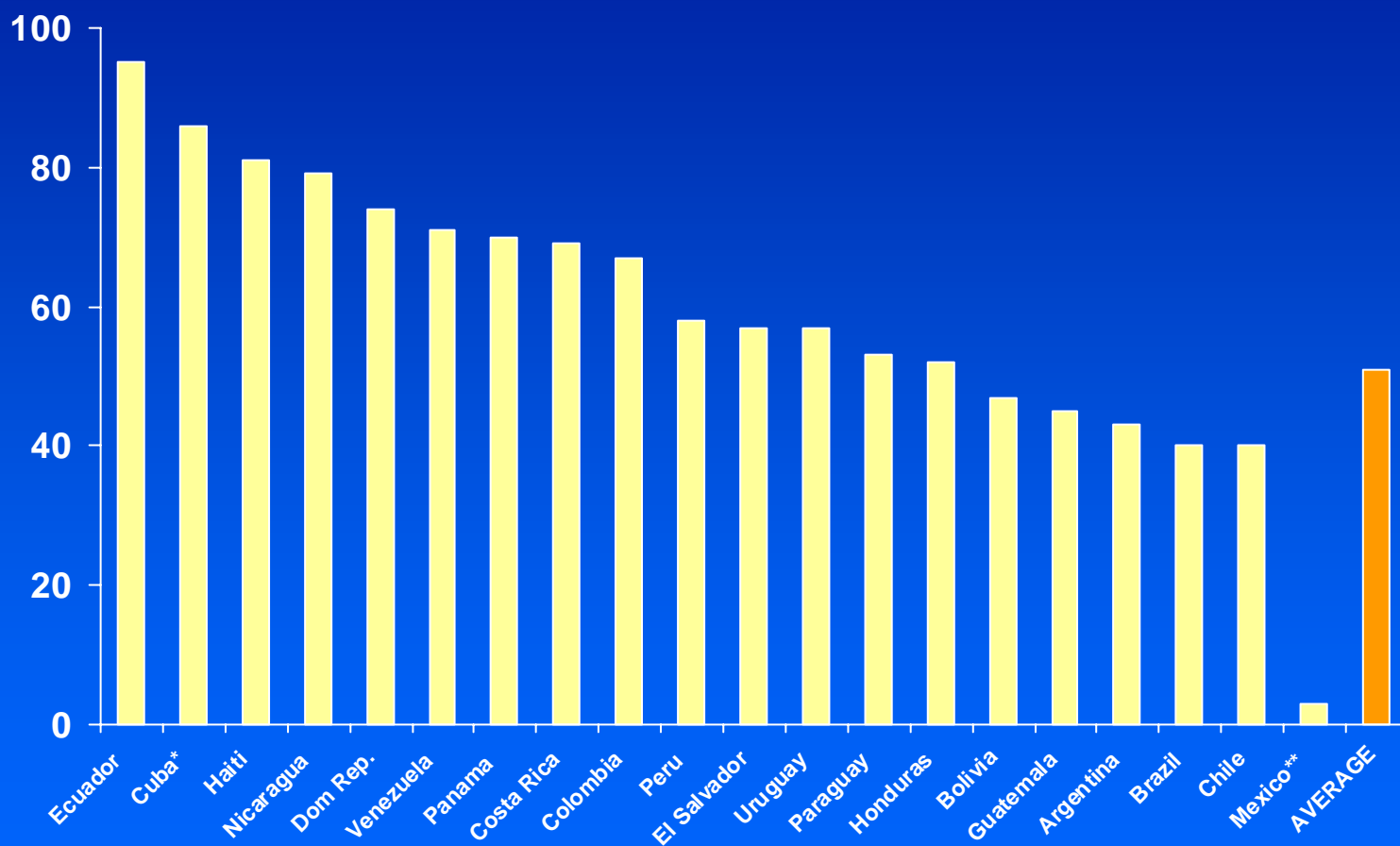


- **Spectacular progress toward MDG 4**
- **Rubella and CRS not yet eliminated**
- **New vaccines against priority diseases now available**

Source: WHO Global Burden of Disease Reports 1990, 2002 (except Hib, which are estimates based on modeling, as aggregate regional data is not yet available)



Proportion of municipalities with DPT3 vaccination coverage < 95% in children <1 year of age, selected countries, 2003



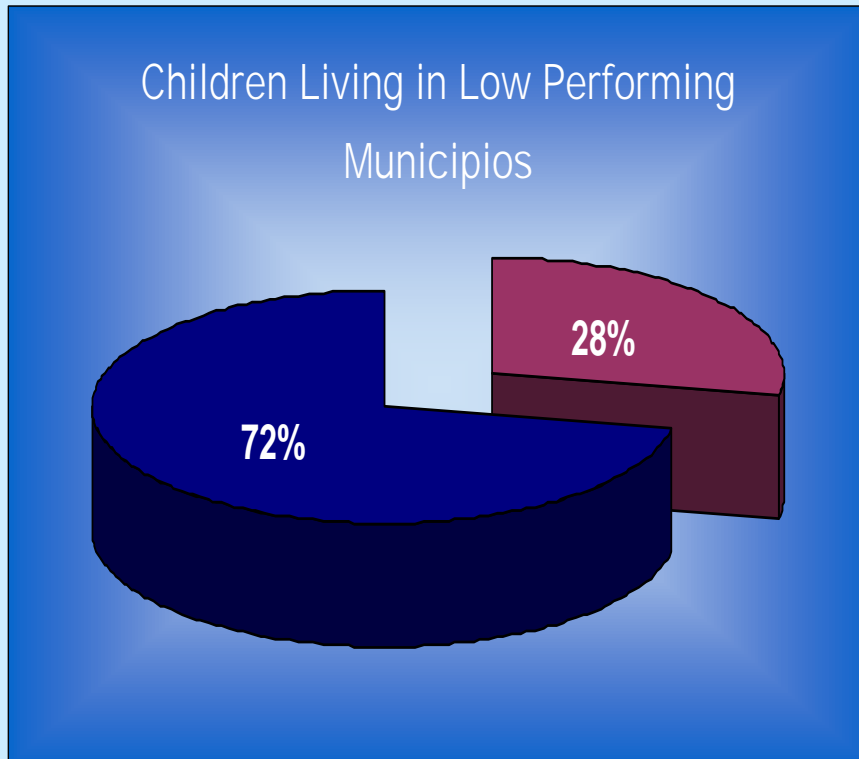
* Cuba experienced shortage in DPT3 vaccine supply in 2003. However, in 2002 only 6% of their municipalities were below 95% coverage.

** Coverage data <90% as reported in the WHO/UNICEF Joint Reporting form, data not included in the Average

Source: Country reports for EPI Indicators Table



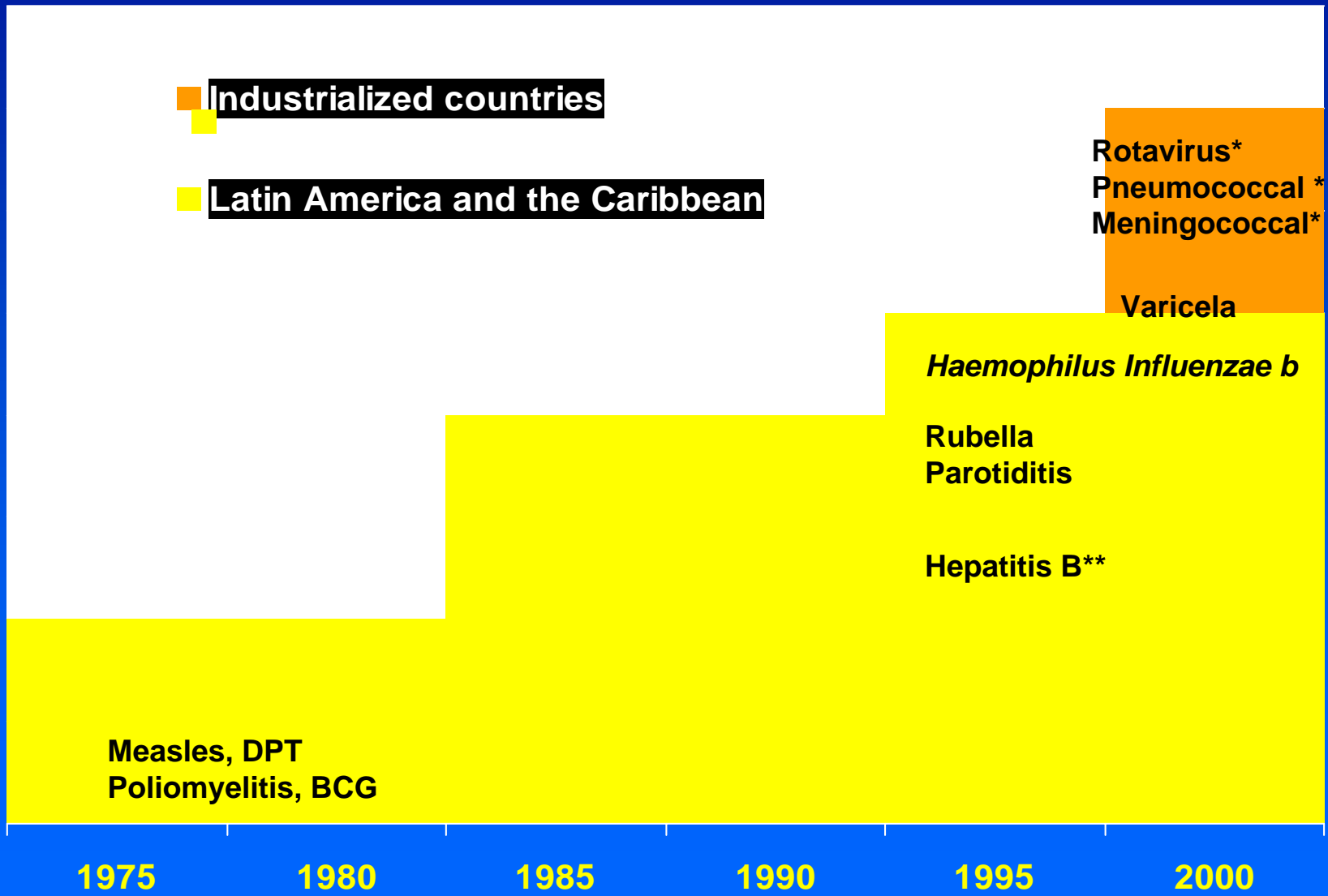
Access to Immunization in the Americas, 2004



- **Almost 1 child in 3 disadvantaged**
- **Not the 'unreached' but the 'neglected'**
- **Region paying a high price**



Number of childhood vaccines routinely used industrialized countries and in Latin America and the Caribbean



*Estimated future use

**Used in ~ 50% of global birth cohort



Framework for policy development

Disease burden

Characteristics of the vaccine

Economic analysis

Perception of risk

Political will

Logistical issues

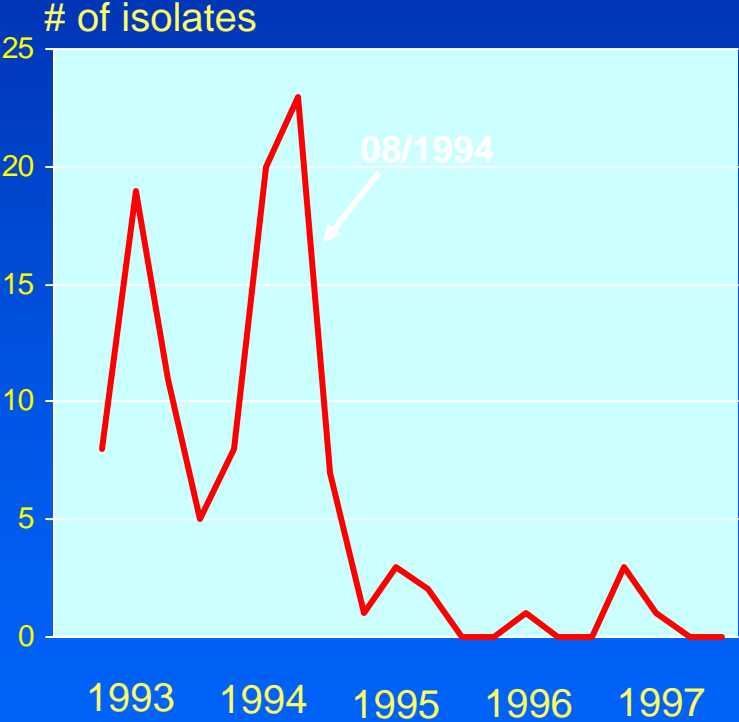
Post-marketing surveillance

Accurate demand forecasting

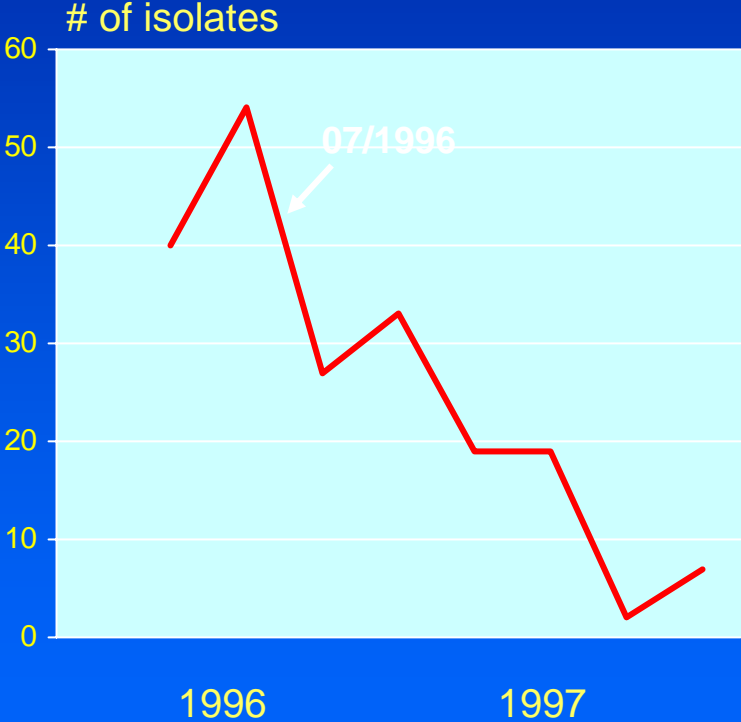
Partnerships



Hib Immunization: Impact in Uruguay and Chile, 1997



Uruguay

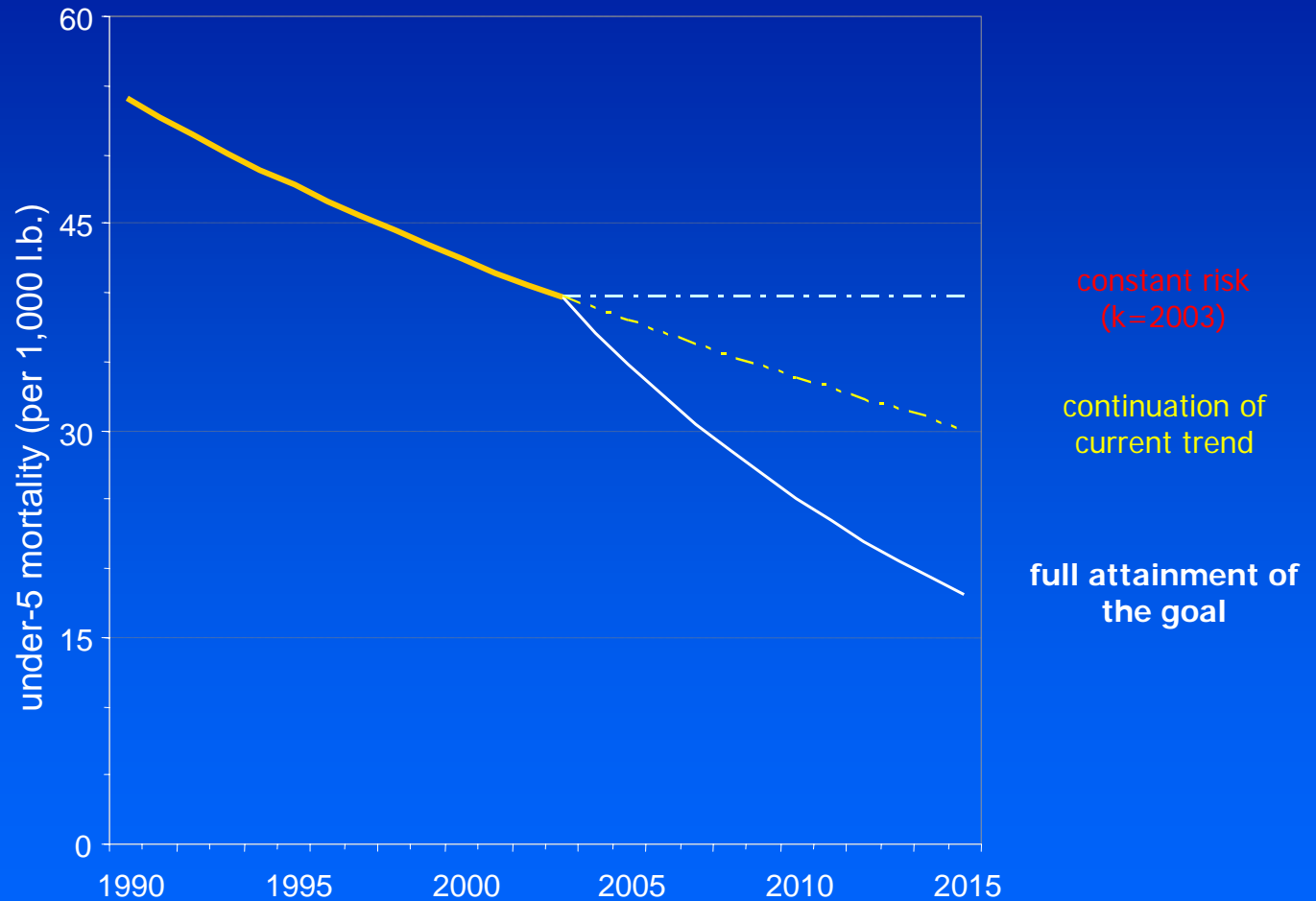


Chile



Child Mortality – MDG 4

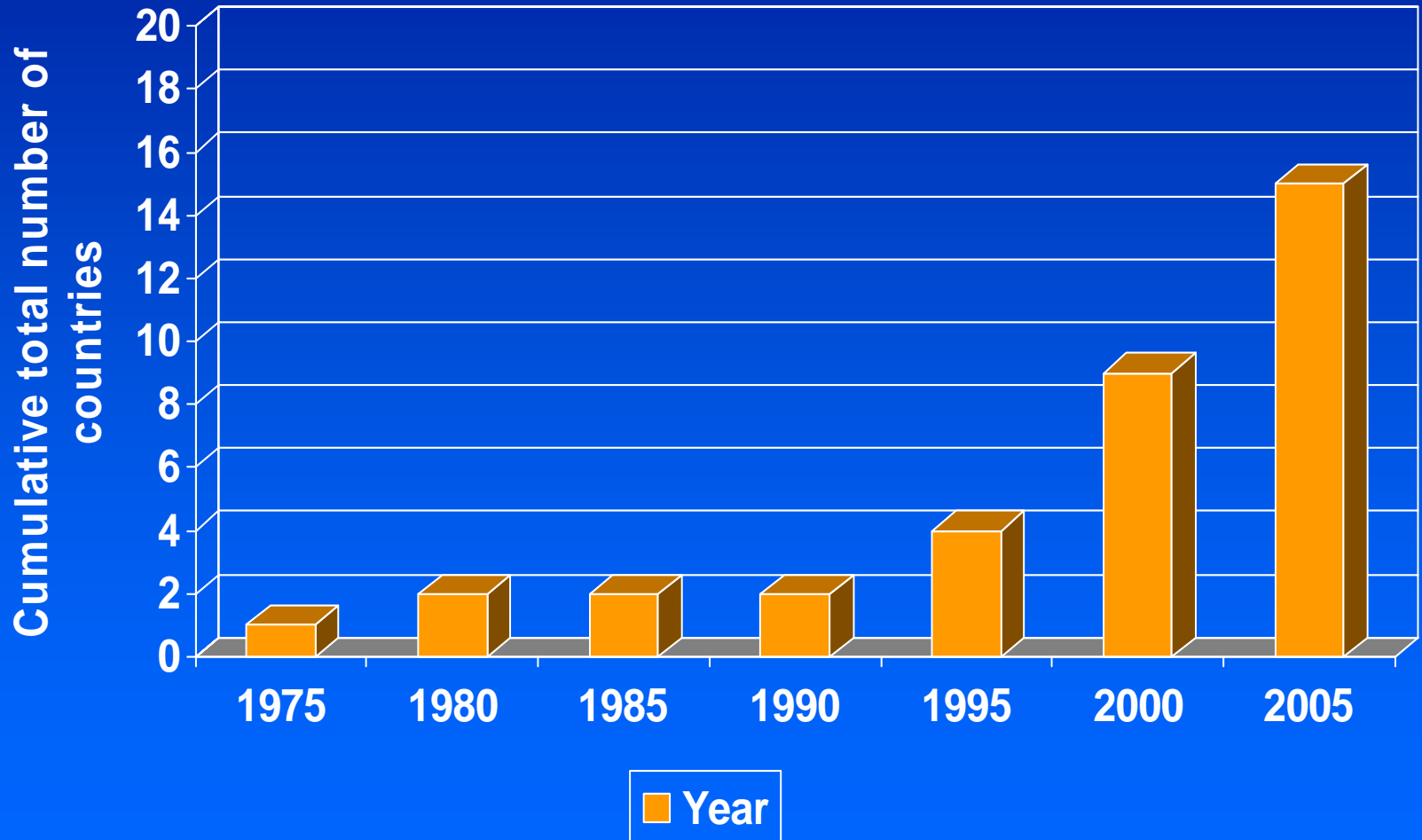
The Americas, 1990-2015*



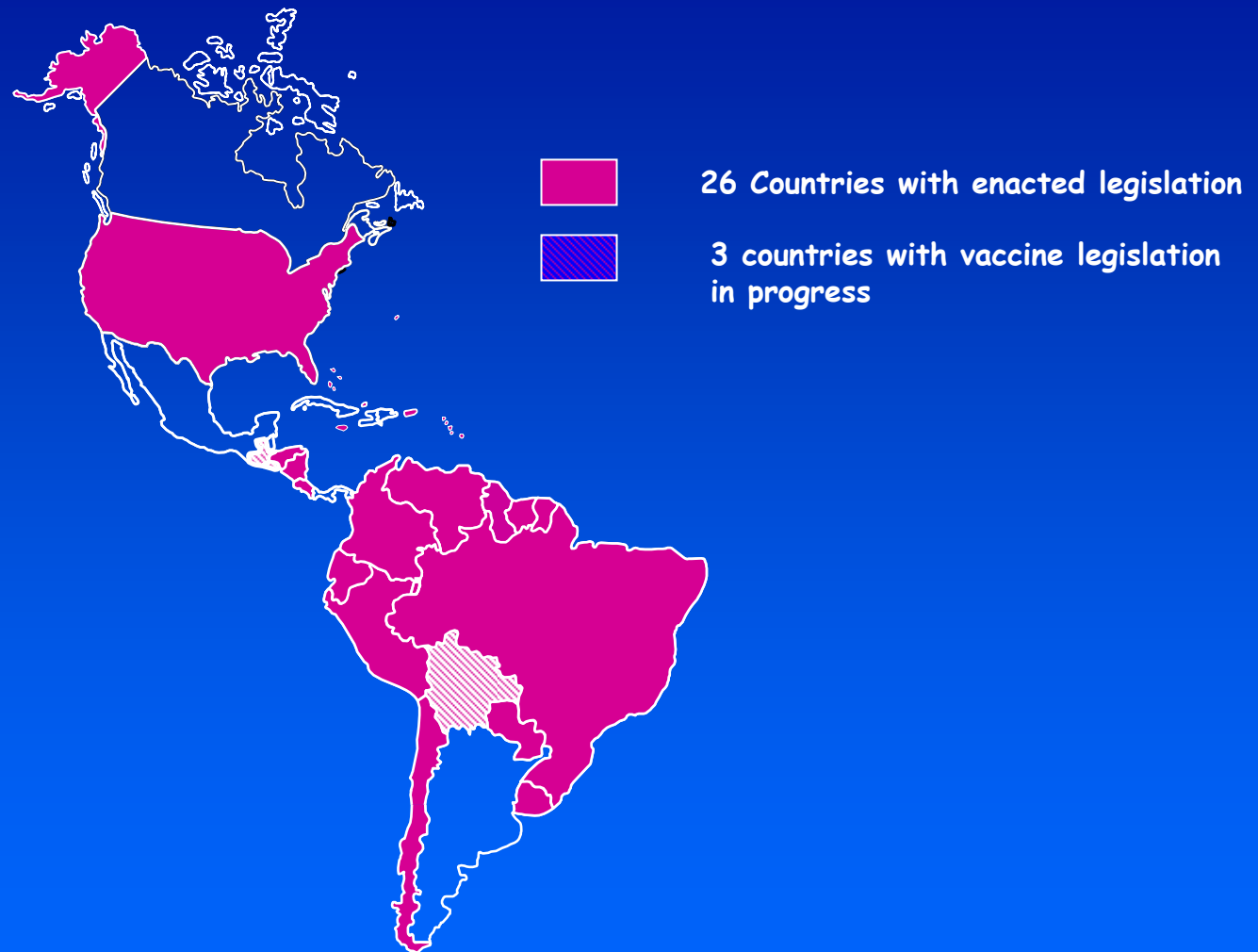
*Projected



Introduction of Seasonal Influenza Vaccine in the Americas, 1975-2005



Countries with Enacted Vaccine Legislation, The Americas, 2005



Source: Country Reports as of April, 2005.



Analysis of Legislation in Selected Countries, The Americas, 2005

Key Topics	COUNTRY					
	HONDURAS*	ECUADOR	PARAGUAY	VENEZUELA	COSTA RICA	PERU
Register Facilitation						✓
Supply Regulations					✓	
Custom Clearance				✓		✓
Disbursement Reg.		✓	✓		✓	
Contract. Flexibility	✓	✓			✓	
Tax Exemptions	✓			✓	✓	
Obligatory Vaccination			✓	✓	✓	✓
Enforceability	✓		✓	✓	✓	
Vaccines at no cost **	✓		✓	✓	✓	✓
Budget Line ***	✓	✓	✓	✓	✓	✓
Year enacted	1998	1997	2003	1996	2001	2002

- * Priority Countries: Guyana, Honduras, Nicaragua, Bolivia, Haiti
- ** Country is committed to public good
- *** Vaccination is a country priority



Conclusions

- **The Directing Council 2006 should consider including an agenda item to follow-up sustaining national immunization programs**
- **Completing the unfinished agenda, such as eliminating rubella, and achieving the MDGs should remain a top priority for PAHO's support to countries**
- **Introduction of new and underutilized vaccines should be evidence based and consistent with overall health budget priorities**

