



Pan American Health Organization

Viral Hepatitis Working Group

CURRENT STATUS OF VIRAL HEPATITIS IN LATIN AMERICA AND THE CARIBBEAN



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Hepatitis A (HVA)

57% liver cirrhosis
78% primary liver cancer

Hepatitis B (HVB)

Hepatitis C (HCV)

Hepatitis D (HVD)

Hepatitis E (HVE)

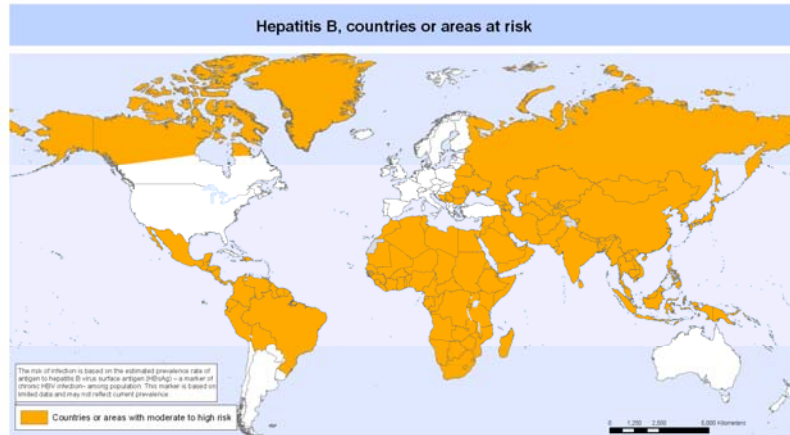


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HEPATITIS B

2 billion infected, 350 million chronic & 600,000 deaths/year



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Data Source: World Health Organization/CDC
Map Production: Public Health Information and Geographic Information Systems (GIS)
World Health Organization



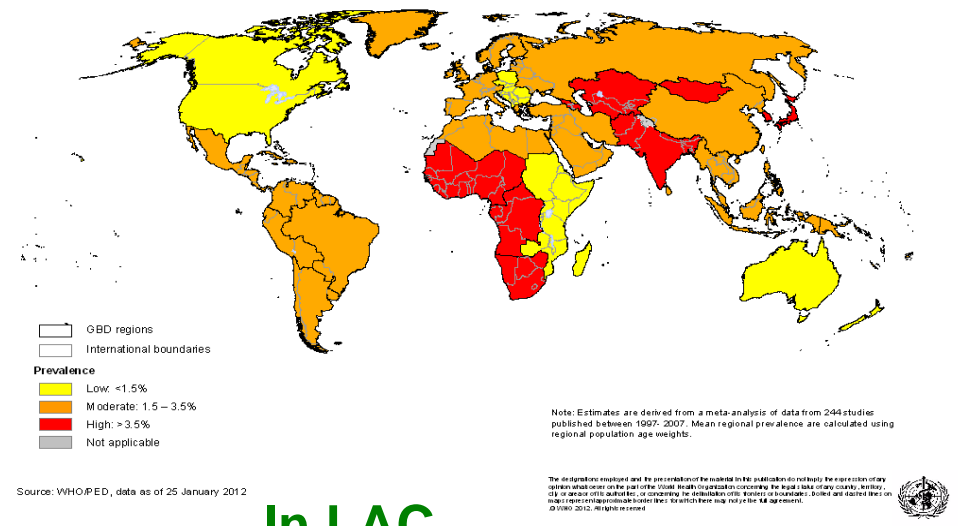
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Source: WHO/PEP, data as of 25 January 2012

HEPATITIS C

150 million chronic & 350,000 deaths/year

Anti-HCV seroprevalence by GBD region, 2005



Note: Estimates are derived from a meta-analysis of data from 244 studies published between 1997-2007. Mean regional prevalence are calculated using regional population age weights.

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In LAC...

- HVB vaccine introduction in Haiti in 2012
- Oscillating prevalences between countries

In LAC...

7-9 million antiHCV positive

SCREENING, DIAGNOSIS, TREATMENT & MONITORING

In 2009 (LAC)...

380,000 potential blood donors deferred
75,000 blood donors infected with HBV/HCV



HEPATITIS D

Among the 2 billion HBV infected worldwide...

15-20 million co/superinfected with HDV
More severe forms of disease

In LAC...

- High prevalence in the Amazonian region
Ex. 5.2% of HBV infected in study in Colombia
- Genotype III: exclusive of the region

DATA COLLECTION & RESEARCH

DETECTION & MANAGEMENT OF CASES



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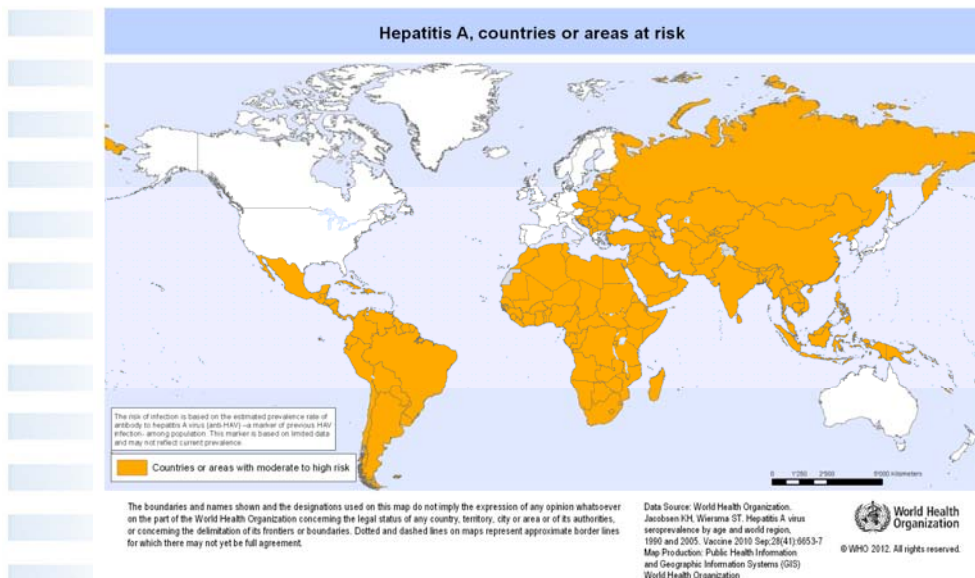


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HEPATITIS A

119 million infections, 31 million symptomatic cases & 340,000 deaths/year



In LAC...

- ≥50% (naturally) immunized at age 15
Ex. 57% Caribbean & 94% Andean region
- Cases moving to older ages due to decreased endemicity →



- Argentina → Vaccine introduced
- Panama → Vaccine introduced
- Uruguay → Vaccine introduced

HEPATITIS E

Emerging but unknown
Outbreaks in tropical/subtropical regions

In LAC...

- Variable & low prevalences (?)
Ex. Brazil 3%, Bolivia 1.7-16.2%
- Some outbreak reported

DATA & RESEARCH

VACCINATION & CONTROL

Outbreaks more likely to occur

Overall in Latin America & the Caribbean...

IMPROVEMENT OF INFORMATION

Need to improve data collection and surveillance systems

Regional & country level

LACK/DELAY OF DIAGNOSIS, TREATMENT & MONITORING

Silent course of the infection

Public & practitioners unawareness

Availability and costs

Recommendations evolve fast

IMPROVE/REINFORCE PREVENTION AND CONTROL

HAV & HBV vaccination

Blood banks, water and food safety

PAHO VIRAL HEPATITIS WORKING GROUP

2011

Meeting with
external partners
(WDC)

29-30 November

2012

Consultation of Regional
Strategy & Action Plan to
Member States

4 June- 1 July

28 July

World Hepatitis Day
commemoration

1-2 March

Regional Meeting on VH
(COL)

28 July

World Hepatitis Day
commemoration

AREAS INVOLVED

Health Surveillance & Disease Prevention & Control (HSD)

- Project of Communicable Diseases (HSD/CD)
- Project of International Health Regulations, Alert and Response (HSD/IR)

Family & Community Health (FCH)

- Project of Immunizations (FCH/IM)
- Project of HIV & STI (FCH/HI)

Health Systems based on Primary Health Care (HSS)

- Project of Medicines & Health Technologies (HSS/MT)

Sustainable Development & Environmental Health (SDE)

- Project of Environmental & Occupational Risks (SDE/ER)

Knowledge Management & Communication (KMC)



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