www.eurohep.net

other risk groups

Proportion of liver transplants due to hepatitis A						
Outbreaks of hepatitis A: 1997-2001: ⁴						
•						
Five outbreaks were counted.						
PREVENTION by active immunisation						
				Ausilah	e einee	
Risk group programmes				Availab	e since	

	0	0	0	0	0
(total number of deaths per 100 000)	0	0	0	0	0
nber of liver transplants					
n of liver transplants due to hepatitis A					

n

Risk group programmes	Available s
injecting drug users	no
men who have sex with men	no
international travellers to endemic areas	1995
chronic liver disease patients	no
clotting factors disorder patients	no
medical and paramedical personnel in hospitals including kitchen staff	no
and cleaners	no
people residing in areas of extended community outbreaks	no
pre-school children attending day care centres	no
day care centre personnel	no
residents and staff of closed communities (Psychiatric Institutions and	
Institutions for mentally disabled)	no
refugees residing in temporary camps	no

food-service establishment workers/food handlers

children of migrants visiting an endemic country of origin

household contacts of infected persons

Mortality (total number of deaths per 100 000)	0	0	0	0	
Total number of liver transplants					
Proportion of liver transplants due to hepatitis A					
Outbreaks of hepatitis A: 1997-2001: 4					
Five outbreaks were counted.					

BURDEN OF DISEASE 2001

2000

Definition of an outbreak: Any extreme incidence according to place, time.

- COMMENTS
- Surveillance is active for hepatitis A in the Czech Republic and is based on laboratory confirmed epidemiological records.
- There is approximately 5% underreporting of cases

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0 8 8 8

- EC case definition is used for surveillance purposes.
- Hepatitis A is not considered endemic in the Czech Republic.
- In the Czech quidelines, all three possibilities for postexposure prophylaxis: immunoglobulins alone, immunoglobulins and vaccination or vaccination alone, are recommended, but the use of the vaccine is preferred.
- There are no universal or risk group vaccination programmes.

FOOTNOTES

- 1. Country characteristics: www.who.int/country/en/ Figures are for 2002 unless indicated. Source: the World health report 2003 (derived April 2004).
- A multipurpose serological survey was performed in the Czech Republic 2001-2003, Zpravy Centra epidemiologie a mikrobiologie, 12, 2003, 7-8 Suppl.
 - Serological survey of the antibodies against selected infectious diseases in the Czech Republic, 2001. European Journal of Public Health Vol 11 (JHEM vol.47) Dec. 2003 supplement, ISSN 1210/7778
- 3. The average duration of hospitalisation is approximately 14 days, no precise data are available. Data for disease burden are provided by mandatory official notification system. Source for mortality data is the Czech Statistical Office through MOH.
- The number of outbreaks was derived from the 2002 hepatitis A survey, conducted by University of Antwerp.

SURVEILLANCE

COUNTRY CHARACTERISTICS¹

GDP per capita (Intr \$, 2001).
Life expectancy at birth m/f (years): 7
Health expenditure/capita (Intl \$, 2001):
Health expenditure as % of GDP (2001):

Total population:
GDP per capita (Intl \$, 2001):

individual data

individual data

individual data

Ministry of

Health





local authority

regional authority

Acute hepatitis A

Deaths

Hospitalised cases/100 000 inhabitants

Hospitalisation days per case³

individual data

weekly reporting

National Surveillance System: weekly, monthly

and yearly analysis of the

reported cases



Incidence of reported hepatitis A cases

30

8 ²⁵

8 20

, षे 15

Incidence

5

0

in stool)

CASE DEFINITION

1997 1998 1999

8.8 9.1 6.0 3.2

11.6

14 14 14 14 14

EC case definition is used:

Early 2003, EUROHEP.NET sent a feasibility survey to all participating countries to take stock of the country-specific surveillance and prevention activities for hepatitis A and B. The first achievement of this EU concerted action is to provide in a standardized/comparative way an overview of the different surveillance systems, epidemiology, burden of disease and prevention programmes for these infectious diseases

● 0-<1 ● 1-4 ■ 5-14 ■ 15-24 ▲ 25-44 ▲ 45-64 ● 65+

- 5-14 - 15-24 - 25-44 - 45-64 - 65+

00 100 60 per Incidence 40 20 ٥ 1991 1992 1995 1996 1996 1998 1998 1998 2000 2000 1990 [991] [992] [993] [993] [993] [993] [993] [995] [995] [995] [995] [993] [903] [

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in the Czech Republic

10,246,000

72.4/79.0

15.340

1,129

7.4



Age specific incidence of

reported hepatitis A cases

no

1995

no

goal is to study the feasibility of a future network on surveillance and prevention and to facilitate the progress of these

Unknown

OBJECTIVES and METHODS

The EUROHEP.NET project is a EU concerted action, supported by the Quality of Life Programme of the fifth framework of the European Community for research. This project addresses issues related to surveillance and prevention of hepatitis A and B in the EU countries, Associated States and Israel. The overall

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· Probable: clinical picture compatible with hepatitis (e.g. discrete onset of symptoms and jaundice or elevated serum <u>Confirmed</u>: clinical case definition and laboratory confirmation (IgM antibody to hepatitis A or nucleic acid in serum or antigen