Hepatitis Surveillance System in Estonia

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Surveillance and prevention of communicable diseases is guided by the Communicable Diseases Prevention and Control Act, which came into force on 1 November 2003. Reporting of communicable diseases in Estonia is mandatory for 58 infectious diseases and 86 laboratory confirmed etiological agents.

All types of hepatitis are notifiable (B15–B19)
## Year of start of notification / availability of data

<table>
<thead>
<tr>
<th>Hepatitis</th>
<th>Notification</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAV</td>
<td>1955</td>
<td>1965 „Infectious hepatitis“</td>
</tr>
<tr>
<td>HBV</td>
<td>1990</td>
<td>1965 „Serum hepatitis“</td>
</tr>
<tr>
<td>HCV</td>
<td>1991</td>
<td>1991</td>
</tr>
<tr>
<td>HBV chronic</td>
<td>1997</td>
<td>2004</td>
</tr>
<tr>
<td>HCV chronic</td>
<td>1997</td>
<td>2004</td>
</tr>
<tr>
<td>HEV</td>
<td>1997</td>
<td>First case notified in 2012</td>
</tr>
</tbody>
</table>
Clinical reports → Lab reports →

Local level (county) authority: Health Board Office

or

National authority: Health Board (CD Registry through the web-based CD Information System NAKIS)

or

Aggregated data Monthly and annually reporting

State Statistical Board

Ministry of Social Affairs

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Reporting on paper-based form for the transitional period

Single case notification within 24 hours (standardised form)
1. Personal data
2. Diagnostic data
3. Disease-specific data
HEV in Estonia, chronology

2011 Research „Seroprevalence of hepatitis E virus in Estonia“ Out of all sera, 3.2% (40/1253) were positive for anti-HEV IgG

2011 Overview „Hepatitis E infection“

2012 The first laboratory confirmed case

2013 Article „Acute E virus hepatitis. A case report“

2012-2015 3 cases were notified

2013-2015 >120 patients investigated (28-66 per year), NIHD lab
Prevalence of HAV antibodies by age, 2005

Mean prevalence 34.4% (488/1420)

NIHD, Virology Department
Thank You for Your Attention!

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