

Sanitary Quarantine Bureau activities at Estonian Borders in Northern region

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Activities at Estonian Borders

- ◆ In Estonia 44 international border crossing points, including:
 - ◆ 5 airports,
 - ◆ 34 harbours
 - ◆ 5 ground crossings
- ◆ For preventing the international spread of CDs at the border crossing points in Northern region - Sanitary Quarantine Bureau (SQB) and in others regions - County Epidemiological Divisions of the Services.



Structure of the Health Board and Services at the borders in Estonia

◆ Health Board

CD Surveillance & Control Department

Enforcement Department

Bureau of Epidemiological Preparedness (24h/7d)

Southern Service

Eastern Service

Northern Service

Western Service

- international airport in Tartu
- international ground crossings in Luhamaa, Koidula, Valga

- international ports in Sillamäe, Kunda, Toila, Vask-Narva
- international ground crossings in Narva

Sanitary Quarantine Bureau 24h/7d

- airport in Tallinn (main airport of Estonia)
- international ports (23) in Tallinn regions

- international ground crossings in Ikla
- international ports in Pärnu and on the Saaremaa & Hiiumaa Islands

Staff of Sanitary Quarantine Bureau in Northern Service of the Health Board

- ◆ **Head of bureau, epidemiologist**
- ◆ **Sanitary Quarantine division /on duty 24 h &7 day per week - 3 epidemiologists**
- ◆ **Environment safety division – 1 inspector**

Legislation

- ◆ **Communicable Diseases prevention and Control Act (2003)**
- ◆ **The procedure and conditions for the prevention of extremely dangerous communicable diseases on the Estonian state border** established by the Regulation of the Government of the Republic of 27 November 2003 No.298 and entered into force in June 2004

According to the Estonian legislation

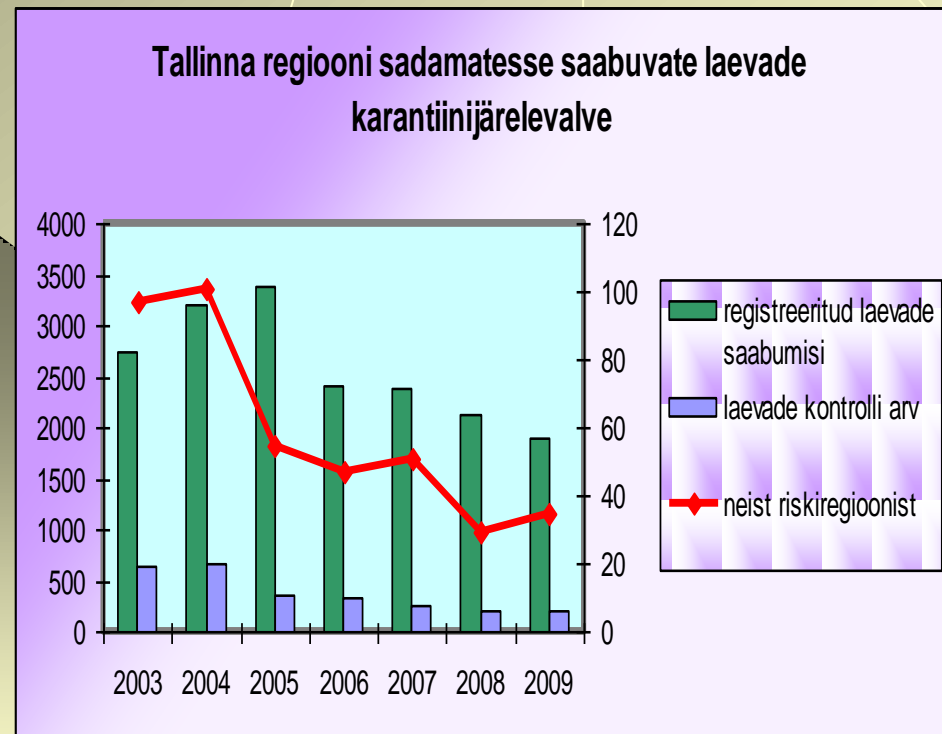
- ◆ **Border Crossing Point (BCP) holder in collaboration with other responsible authority and transport operators shall develop BCP Epidemic Preparedness Plan**
- ◆ **Epidemic Preparedness Plan should be approved by Health Regional Service**
- ◆ **Now approved Epidemic Preparedness Plans present at all border control points in Tallinn region**

According to the Estonian legislation

- ◆ The majority of transportation companies have ***action plans*** for their crews to implement in the event of a dangerous infectious disease on board.
- ◆ Transportation companies have been training of their personnel in methods of preventing dangerous infectious diseases according to the program recommended by the Health Board.

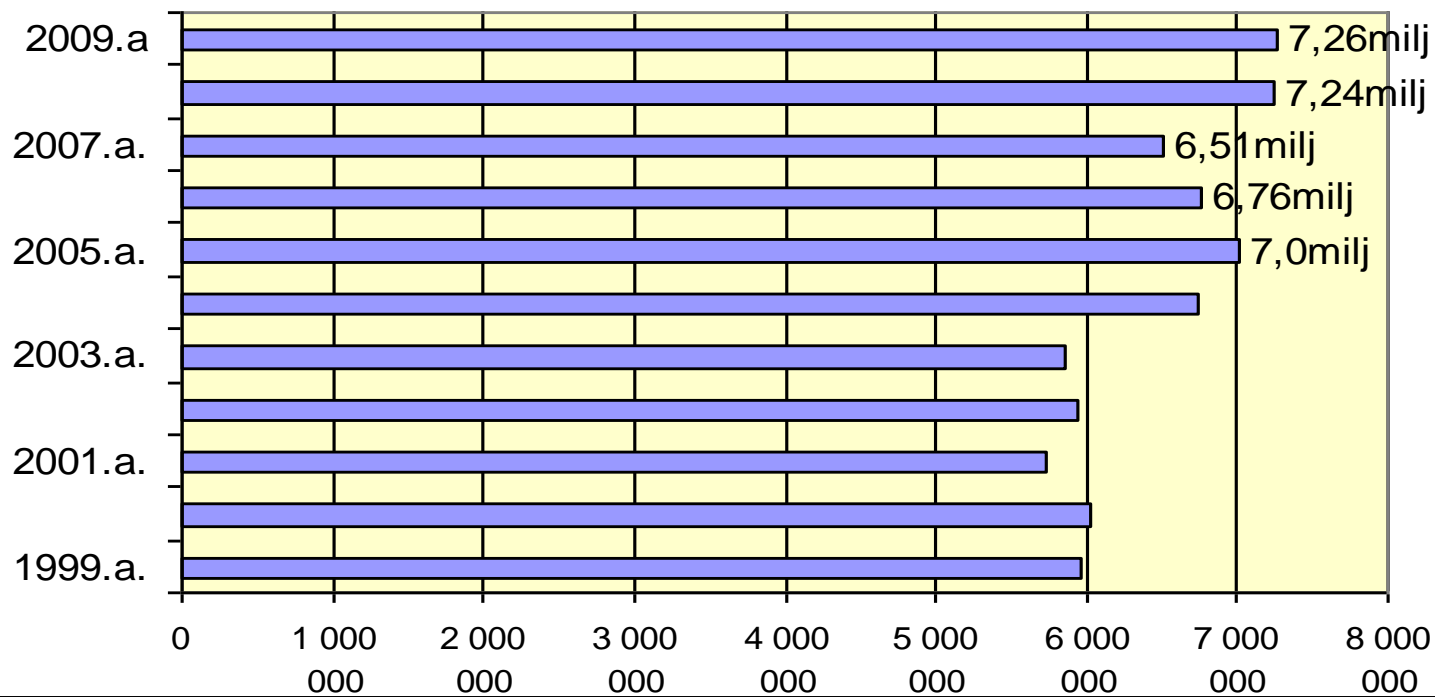
Sanitary Quarantine Bureau, work in ports in 2009

- ◆ The number of cargo ships visited the Tallinn ports > 2500 (exc. line ships).
- ◆ The number of cargo ships controlled by SQB – 213
- ◆ From risk areas – 35



The number of passengers travelling through the Tallinn ports

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Responsibilities of Sanitary Quarantine Bureau at international ports/airport (1)

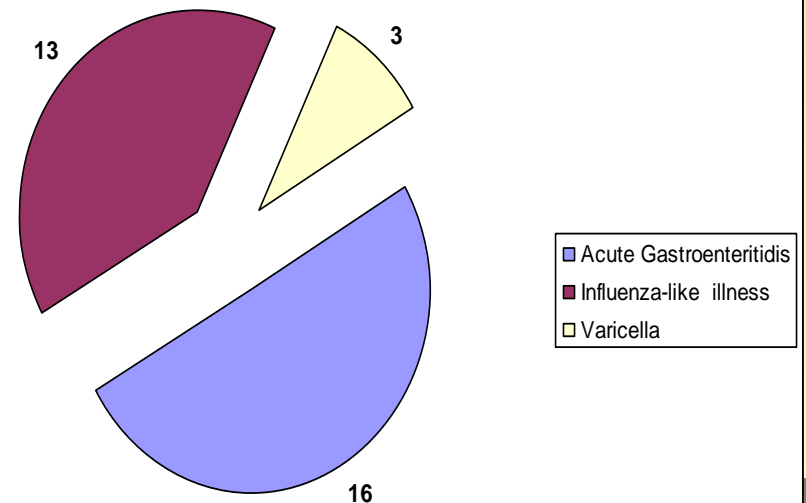
- ◆ Health assessment in accordance to IHR
- ◆ Medical examination of a ship/aircraft with suspected or infected person on a board of ship/aircraft
- ◆ Consultation of ship/aircraft staff for preventive and diagnostics (sometimes for treatment) of a diseases subject to the IHR

Epidemiological investigations on a board of cruise ships with infected persons

SQB investigations in 2009:

- ◆ 16 gastroenteritis outbreaks
- ◆ 13 influenza outbreaks
- ◆ 3 varicella outbreaks

SQB epidemiological investigations in 2009



Responsibilities of Sanitary Quarantine Bureau at international ports

- ◆ Inspection of ships for the issue of Ship Sanitation Control or Ship Sanitation Control Exemption Certificate
- ◆ In 2009 SQB issued 174 certificates

Requirements for issue of Sanitation Control Certificate

- ◆ Good hygiene conditions of ship`s spaces
- ◆ Adequate ventilation, air-conditioning, lighting and heating systems
- ◆ Good hygiene and microbiological safety of potable water tanks and system - annual revision
- ◆ Food safety - all questions from food storage to food serving
- ◆ Adequate ship health care
- ◆ Adequate safety sewage and garbage disposal
- ◆ Occupational safety, medical care on the board

Responsibilities of Sanitary Quarantine Bureau at international ports/airport (2)

- ◆ Information and notification of shipping/flight companies, port authorities and ship agencies about epidemiological situation and requirements for international travel
- ◆ Inspection of ports/airport to ascertain that ports are kept free from vectors of epidemiological significance

Warning in Estonian ports, airports and railway stations about the pandemic flu virus A(H1N1) in 2009



INFORMATION FOR TRAVELLERS! INFLUENZA A(H1N1)

WHO informs, that Influenza A(H1N1)infection is being reported from an increasing number of countries. The majority of the registered cases were from the USA, Mexico, Canada and Australia. Influenza virus is spreading easily through the air when people cough and sneeze and also transmitted through hands and touch.

If during 7 days after arriving you develop fever ($>38^{\circ}\text{C}$), dry cough, headache, sore throat, muscle pain and/or shortness of breath, please call your physician or **emergency phone 112 and inform about your illness and recent travel.**

If you have flu-like symptoms, stay at home or hotel, keep a distance from other people and regularly wash hands. This will help protect others from being infected.

Preventive measures for international port/ airport

- ◆ Periodical inspection for rodents and mosquito
- ◆ Control of port/airport drinking water systems
- ◆ Control of waste utilisation in port /airport
- ◆ Training of staff for health measures provided in case of infected person on a board

POINTS OF INTERNATIONAL ARRIVAL

- ◆ Inspection of ships on an arrival from risk areas
- ◆ Inspection of ships arriving first time to Estonia
- ◆ Medical examination of a ship in case infected or suspected for infection person on a board or infected person has left the board of ship
- ◆ Inspection of ships with biological dangerous goods

Documents required on arrival or departure of a ship in Estonia

- ◆ Maritime Declaration of Health (not required from line ships)
- ◆ List of crew members vaccinated against yellow fever in case of arrival from risk area
- ◆ Valid Ship Sanitation Control or Ship Sanitation Control Exemption Certificate

Measures for ships/ aircraft with infected person on a board (1)

- ◆ Ship staying on roadstead until quarantine moor set free and guarding is arranged/
Aircraft landing in a separate airport area
- ◆ Medical examination and isolation of infected person
- ◆ Questionnaire of infected persons and contact crew members, passengers

Measures for ships/ aircraft with infected person on a board (2)

- ◆ Arrangement of medical surveillance for contacts persons (Surveillance Notice and Self-monitoring form)
- ◆ Collection of food and water samples and dispatching for examination
- ◆ Arrangement of disinfection, disinsecting or deratting on a board of ship/ aircraft

Dear Passenger,
You may have been exposed to a communicable disease during the flight / voyage and the Estonian Sanitary Quarantine Service kindly asks you to answer the following questions regarding your health and your travel history:

1. Flight/voyage details:

Flight number / Name of airline or ship _____

Places visited: _____

2. Personal information:

Last name _____ First name _____

Date of birth _____ Sex: ? M ? F

Home address: Street _____ City _____

Country _____

3. General contact details:

Telephone(s) - Home: _____ Work _____ Mobile phone _____

E-mail(s) _____

4. Do you have the following symptoms?

- fever which persisting for several days ? Yes ? No
- fever with profound weakness, headache, backache ? Yes ? No
- fever with cough ? Yes ? No
- severe diarrhoea with symptoms of collapse ? Yes ? No
- jaundice accompanied by fever ? Yes ? No

5. Where did you stay for the last 21 days (country, city) before you arrived in Estonia? _____

6. Where will you be and how can you be contacted in the next 21 days?

Date	Places	Contact information

7. Urgent! In case you become ill within the next 21 days you should notify your doctor (**by phone**) about your illness and your travel history.

Signature _____ Date _____

THANK YOU FOR ATTANTION

