



ASF situation in Estonia

Veterinary and Food Board

Domestic pigs farms

- 2015 – 2019

Year	Total farms number	Total pigs number
2015	701	379 507
2016	248	335 092
2017	127	289 963
2018	128	302 240
2019	107	291 619

Biosecurity rules (1)

Biosecurity measures are listed in Infectious Animal Disease Control Act:

The list of general biosecurity rules (organisation of personnel and transport movements, separation of sick animal from healthy one, rodent and insect control etc).

All pig keepers have to draw up a **biosafety plan** regarding the biosafety measures to be taken in a livestock building and construction works and in an area enclosed for keeping animals.

Biosecurity rules (2)

Compulsory biosecurity rules that are applied in case that there is ASF situation in the country (The Regulation of Minister of Agriculture No 179):

- Pigs must be kept indoors, no contact with other animals;
- organizing the entrance to the farm over disinfection barrier (both for humans and vehicles);
- changing of clothes and disinfection of hands and foot wear before entering the holding and after leaving it;
- no exchange of equipment, feed and bedding with other farms;
- no contact to any part of feral pig at the farm territory;
- bringing green fodder to the farm territory is not allowed;
- it is only allowed to use feed that has been kept for the last 30 days in the way that no animals (and possibly contaminated humans) have no contact with it or it has been heat-treated outside the farm;
- it is only allowed to use bedding that has been kept for the last 90 days in the way that no animals (and possibly contaminated humans) have no contact with it;
- animal keeper explains biosecurity measures to farm workers and household members and orders additional measures after visiting woods;
- territory of the farm is fenced;
- swill feeding is forbidden.

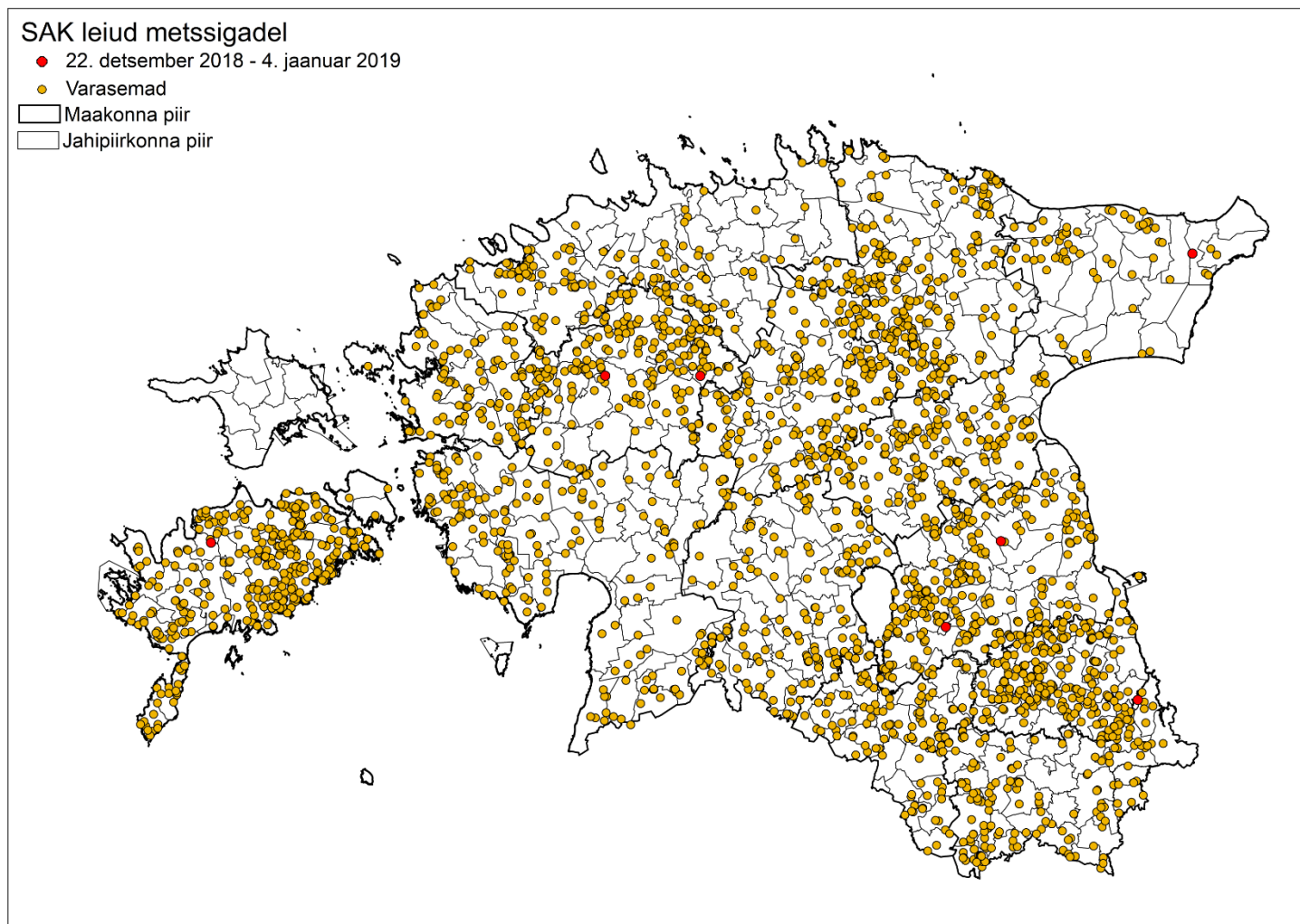
Controls/inspections in 2019

- **At least twice a year** controls carried out by animal health specialists from county veterinary centre
- **All pigs farms are controlled, independently of the farm size**
- Total number of farms inspected: 143, from which 132 kept pigs
- Purpose of the farm controls:
 - to inspect all farms, independently of the farm size
 - to inspect if compulsory biosecurity measures are implemented correctly (feed, biosecurity plan, disinfection barrier etc)

Passive surveillance of domestic pigs

- ASF strategy:
 - Each week, virological testing of at least the first two deaths pigs older than 2 months.
 - In 2019 we have tested 2119 dead domestic pigs from the pig farms. All pigs have been ASF negative.
 - Up to 31.05.2020 we have tested 1062 dead domestic pigs.

ASF positive wild boars 2014 - 2018



Age distribution of ASF ELISA-positive wild boars 2018-2020

Year	Month	boar	sow	< 1 a	< 2 a	> 2 a	AB positive/hunted WB
2018	November	6	4	1	2	7	10
	December	6	8	2	3	9	14
2019	January	4	21	5	2	18	25
	February	9	8	2	0	15	17
	March	0	1	0	1	0	1
	April	1	0	0	1	0	1
	May	0	0	0	0	0	0
	June	1	2	0	1	2	3
	July	4	1	1	0	4	5
	August	1	0	0	0	1	1
	September	4	1	0	0	5	5
	October	2	6	0	2	6	8
	November	1	0	0	0	1	1
	December	0	4	0	1	3	4
2020	January	3	3	0	1	5	6
	February	3	7	0	0	7	10
	March	2	0	0	0	2	2
	April	1	0	0	1	0	1
Total		48	66	11	15	85	114

Self-declaration by Estonia as a country free from African swine fever in domestic and captive wild pigs

- Declaration was sent to the OIE on 19th of November 2019
- Estonia declares that the country fulfils the requirements for a freedom from ASF in domestic and captive wild pigs as of 19 September 2018, in compliance with Chapter 1.6. and Article 15.1.4. point 3. of the OIE Terrestrial Code.

Challenges

- Keep the WB density at the low level ($< 1,5$ ind/1000 ha) in following years.
- Biosecurity in the farm and also during the hunting.
- Regular control of the farms.
- Awareness of farmers, hunters, service providers, public etc.
- Human behaviour.
- Suggestion for the ASF free risk countries/regions: considerable preventive reduction of WB numbers to have less infected material in nature while virus get there.

**Thank you for
your attention!**

