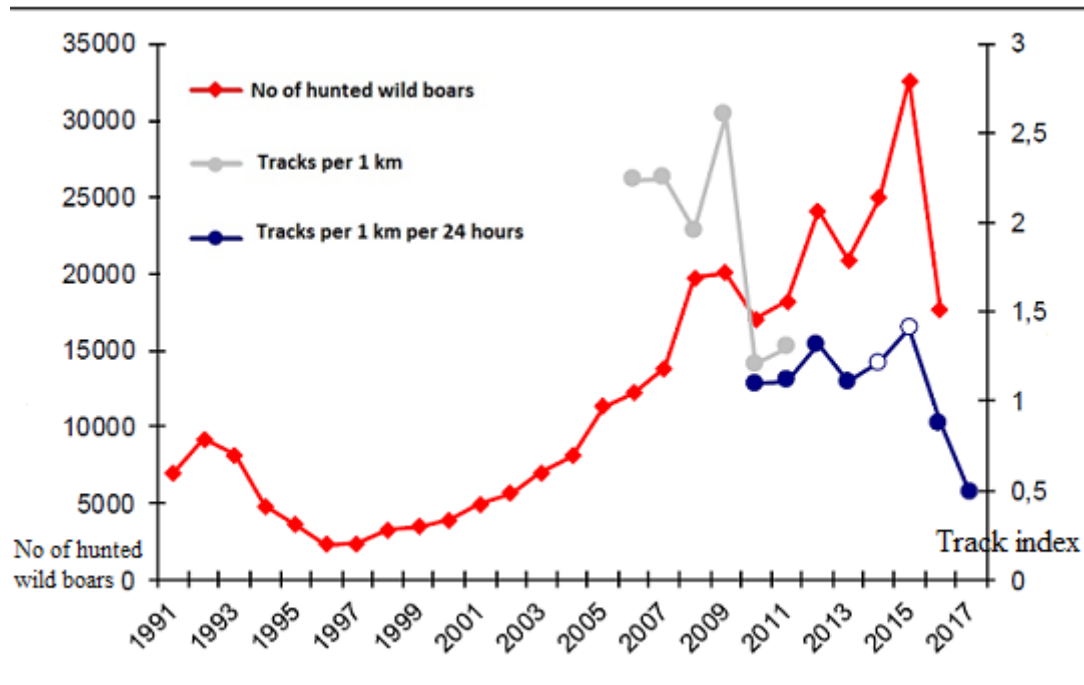


# ASF situation in Estonia



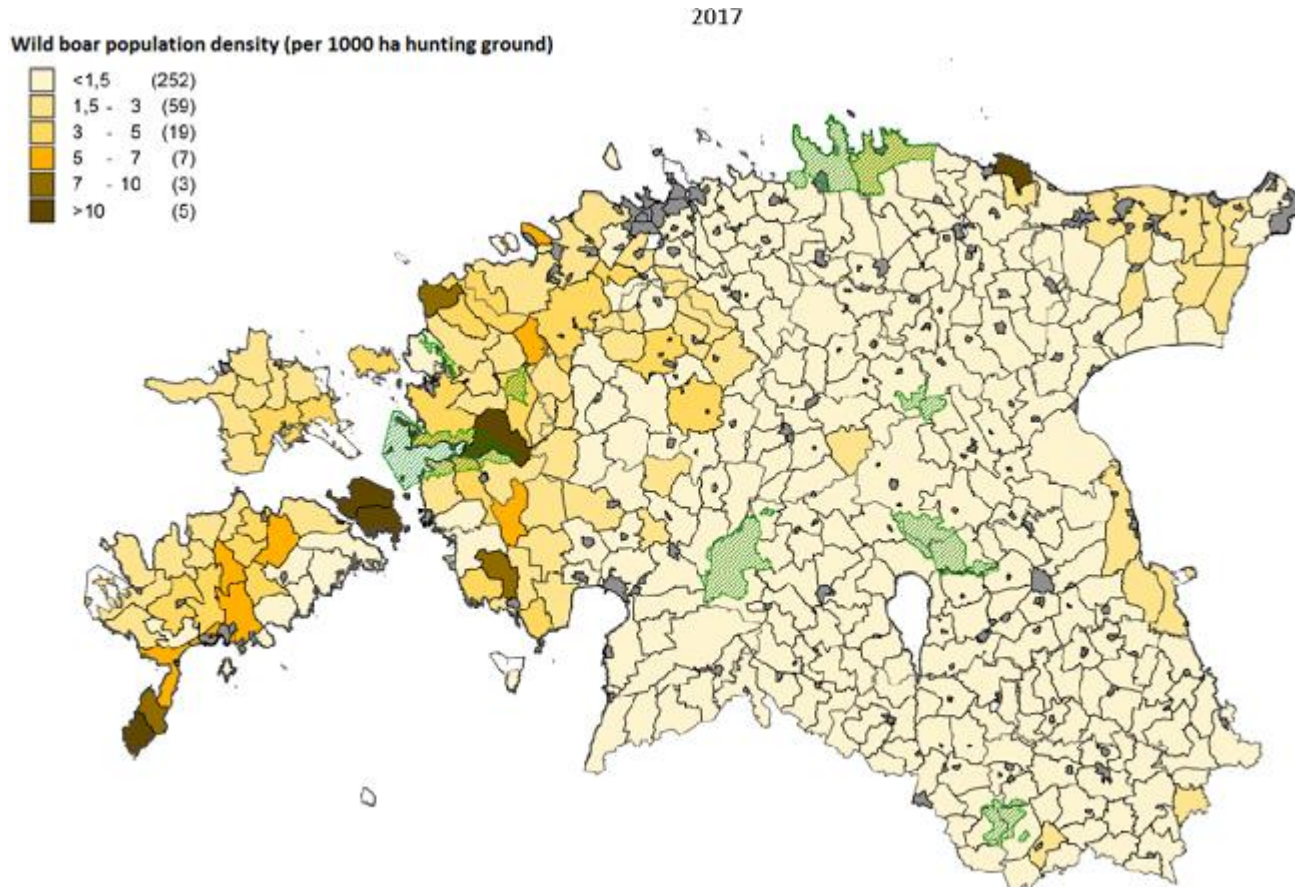
# Wild boar population data (1)

- The number of wild boar hunted in 1991 – 2017 and winter track index



# Wild boar population data (2)

- Wild boar population density per 1000 ha hunting ground



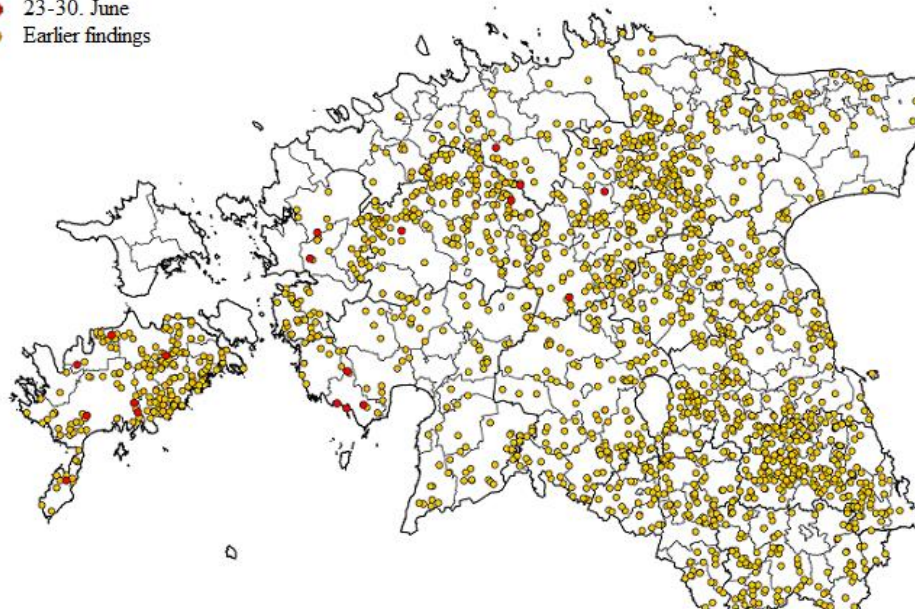
# Surveillance results in wild boars

- Laboratory testing 2014-2017

	2014		2015		2016		2017 (as of 30.06.2017)	
	No of animals tested	No ASF positive/prevalence	No of animals tested	No ASF positive/Prevalence	No of animals tested	No ASF positive/Prevalence	No of animals tested	No ASF positive/Prevalence
Hunted wild boars	879	9 (1%)	8617	680 (8%)	14976	749 (5%)	6224	324 (5,2%)
Found dead wild boars	175	64 (37%)	928	408 (44%)	987	818 (83%)	280	230 (82%)
Culled/car accident	2	0	17	7 (41%)	15	5 (33)	15	1 (6,6%)
<b>Total</b>	<b>1056</b>	<b>73 (7%)</b>	<b>9562</b>	<b>1095 (11,5%)</b>	<b>15978</b>	<b>1572 (10%)</b>	<b>6519</b>	<b>555</b>

ASF findings in wild boar 2017

- 23-30. June
- Earlier findings



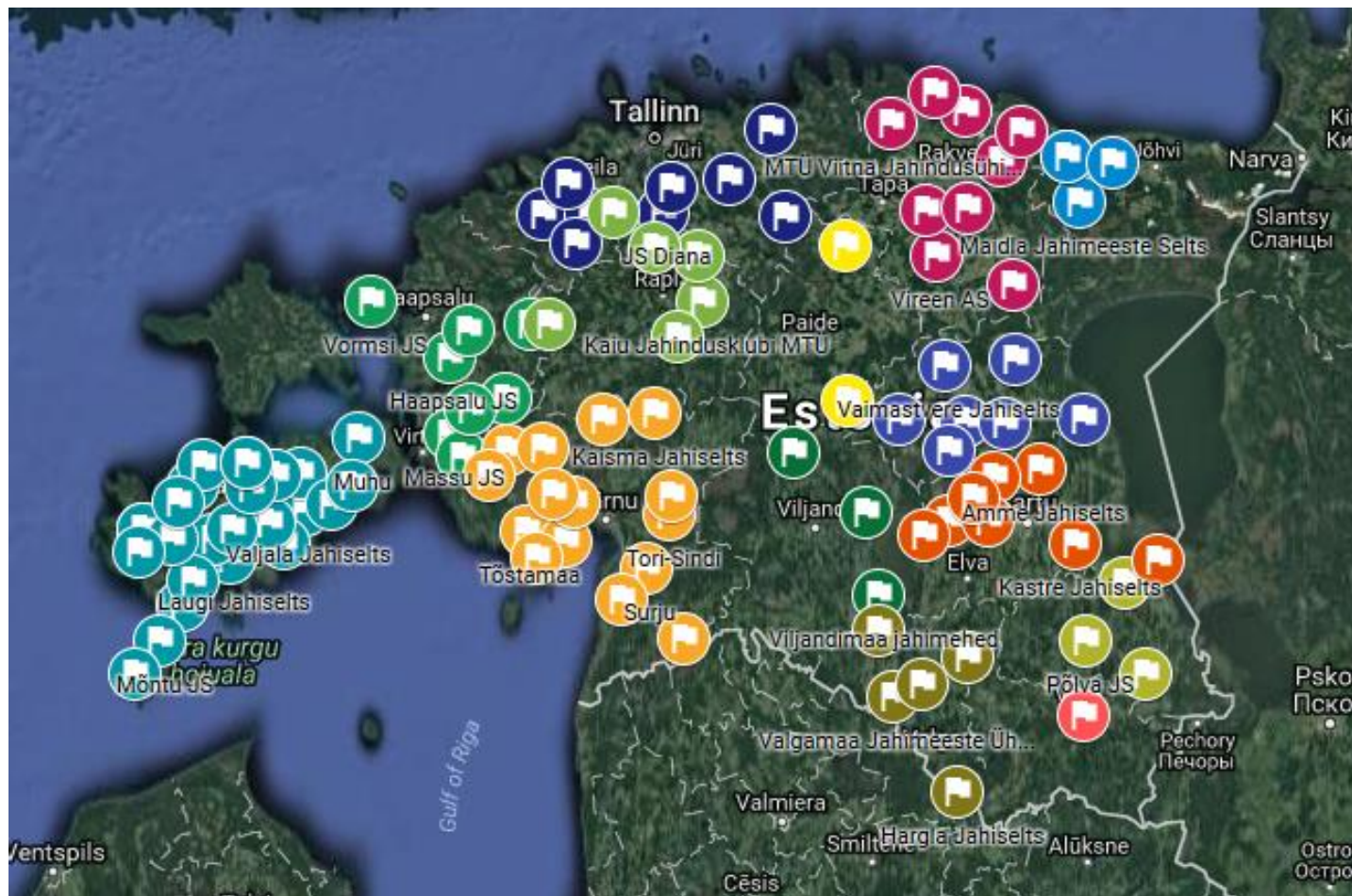
# Wild boar management

## Hunting

County	Hunting bag	Hunted	From hunted wild boars					Fulfilment (%)	% of the hunting structure			Destruction of carcasses		Total fulfilment from hunting bag (%)
			Boars	Sows	Subadult (boar)	Subadult (sow)	Piglets		Boar+sub-adult boar from adults	Sow+sub-adult sow from adults	Piglets from whole hunting	Found dead and buried	Culled	
Harjumaa	2000	1591	233	242	298	306	512	80	49	51	32	29	4	81
Hiiumaa	2000	2025	291	333	243	278	880	101	47	53	43	4	1	102
Ida-Virumaa	460	612	144	138	59	72	199	133	49	51	33	16	3	137
Jõgevamaa	500	295	38	35	87	59	76	59	57	43	26	92	1	78
Järvamaa	350	257	25	22	64	88	58	73	45	55	23	49	1	88
Läänemaa	2745	3026	463	521	397	508	1137	110	46	54	38	64	2	113
Lääne-Virumaa	900	1007	154	180	176	201	296	112	46	54	29	97	3	123
Põlvamaa	200	108	20	8	22	19	39	54	61	39	36	73		91
Pärnumaa	1467	1911	321	478	199	257	656	130	41	59	34	64		135
Raplamaa	2000	1421	234	210	289	345	343	71	49	51	24	158	1	79
Saaremaa	4400	4465	610	664	950	778	1463	101	52	48	33	119		104
Tartumaa	450	222	39	37	36	39	71	49	50	50	32	98	2	72
Valgamaa	150	130	41	24	15	14	36	87	60	40	28	3		89
Viljandimaa	350	176	26	15	29	34	72	50	53	47	41	23		57
Võrumaa	300	169	29	9	48	36	47	56	63	37	28	14	2	62
Total	18272	17415	2668	2916	2912	3034	5885	95	48	52	34	903	20	100

# Wild boar management Container system

- Location of the containers



# Wild boar management

## Contracts with hunters

- In 2016 we had separate contracts (129) with hunting clubs for selective female hunting and carcass collection
  - Results: 4315 hunted sows and 1587 carcass removals (burials and container system)
- In 2017 we have one general contract with Estonian Hunters` Society for selective female hunting and carcass collection
  - By the end of June:
    - 1720 hunted females
    - 171 carcass burials
    - 419 carcasses taken to containers





# ASF in domestic pigs

- Surveillance results in 2016 and 2017

	2016		2017 (as of 30.06.2017)	
	No of tested animals	No of ASF positive animals	No of tested animals	No of ASF positive animals
Domestic pig	8728	31	5818	10

# ASF outbreaks in 2017

## 1st outbreak

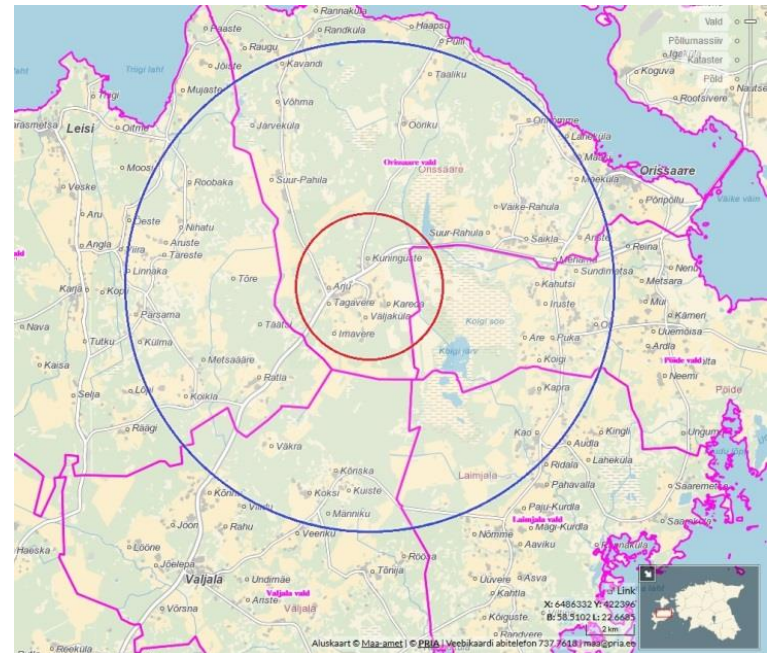
- Confirmed on 14th of June in Pärnu county in a herd with 3415 pigs
- Clinical signs observed:
  - anorexia, dizziness, depression, fever
  - 4 dead pigs: autopsy → enlarged spleen, blood in intestines
- Source of the infection: Most likely the virus was introduced with a farm tractor transporting the bedding material into the pig keeping facilities.
- The farm is located in an ASF wild boar infected area, where the infection is actively spreading among wild boar.



# ASF outbreaks in 2017

## 2nd outbreak

- Confirmed on 11th of July in Saare county (Saaremaa island) in a herd with 3232 fattening pigs
- Clinical signs observed:
  - suddenly increased mortality
  - anorexia, dizziness, depression, fever
  - 5 dead pigs: autopsy → petechiae in all internal organs, spleen enlarged
- Source of infection: epidemiological investigation is being carried out



# Controls/inspections in 2017

- Control checks in all pig farms in March 2017
  - Aim of the controls: implementation of biosecurity rules
  - Total number of pig farms inspected: 194, from which 143 kept pigs
  - Results: 9 prescriptions, from which 7 were about improving fencing
- Inspections in hunting lodges
  - All hunting lodges
  - During 2017
  - Aim of the controls: implementation of biosecurity rules during hunting; getting an overview of the possibilities in hunting lodges (cold storage, management of ABP etc)

**THANK YOU FOR YOUR ATTENTION!**