



PÕLLUMAJANDUS- JA TOIDUAMET

ASF situation – Update

SCoPAFF-meeting 14.09.2022

Estonian Agriculture and Food Board

ASF situation update (1)

Domestic pigs

Year	Total number of domestic pigs tested	No of dead domestic pigs tested (passive surveillance)	No of ASF positive pigs	No of ASF outbreaks
2021	5799	3054	2	1
2022 (as of 31.08.2022)	3083	1895	0	0



ASF situation update (2)

Domestic pigs 2022 (as of 31.08.2022)

County	No of tests						No of tested animals
	Blood			Bone marrow	Organs		
	PCR	ELISA	IPT	PCR	PCR	IPT	
Harju	20				132		190
Hiiu							0
Ida-Viru	20				32		89
Jõgeva	37				77		184
Järva	15				35		74
Lääne					9		9
Lääne-Viru	39				300		413
Põlva	3				99		102
Pärnu	37	2			31		128
Rapla	23				118		184
Saare	89				467		724
Tartu	39	25			233		343
Valga	15			1			28
Viljandi	93				224		477
Võru					70		70
<i>Not specified</i>		63			68		68
TOTAL	430	90	0	1	1895	0	3083

ASF situation update (1)

Wild boars 2014-2022 (as of 31.08.2022)

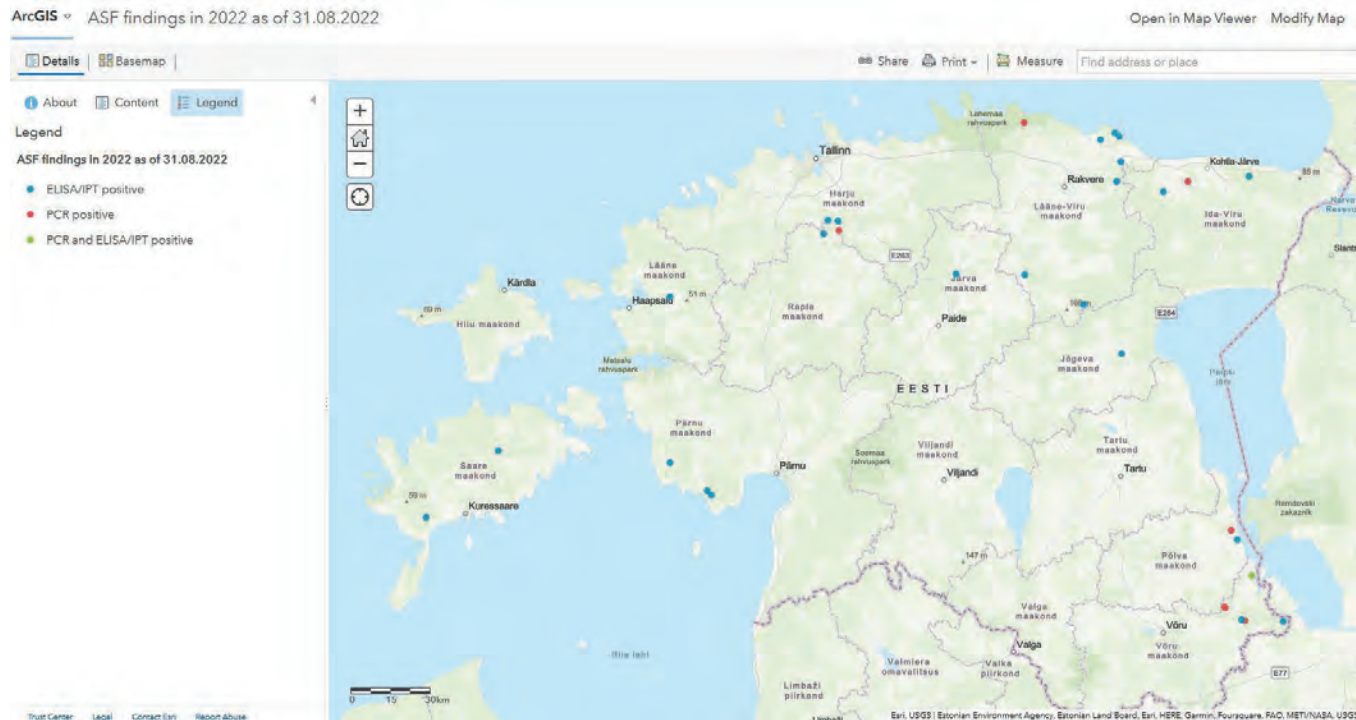
	2014		2015		2016		2017		2018		2019		2020		2021		2022 (31.08.2022)	
	Number of tested animals	No fo ASF positive / %	Number of tested animals	No fo ASF positive / %	Number of tested animals	No fo ASF positive / %	Number of tested animals	No fo ASF positive / %	Number of tested animals	No fo ASF positive / %	Number of tested animals	No fo ASF positive / %	Number of tested animals	No fo ASF positive / %	Number of tested animals	No fo ASF positive / %	Number of tested animals	No fo ASF positive / %
Hunted wild boars	879	9 (1%)	8617	680 (8%)	14976	749 (5%)	9161	565 (6,2%)	4879	263 (5,4%)	4773	82 (1,72%)	7252	63 (0,87%)	10629	62 (0,6%)	7199	35 (0,49%)
Foudn dead wild boars	175	64 (37%)	928	408 (44%)	987	818 (83%)	372	299 (80,4%)	52	17 (33%)	26	2 (7,6%)	30	13 (43,3%)	70	21 (30%)	30	7 (23%)
Culled wild boars	2	0	17	7 (41%)	15	5 (33)	41	3 (7,3%)	30	1 (3,3%)	37	0	45	0	53	0	11	3 (27,3%)
Total	1056	73 (7%)	9562	1095 (11,5%)	15978	1572 (10%)	9574	867 (9,1%)	4961	281 (5%)	4836	84 (1,74%)	7327	76 (1,04%)	10752	83 (0,77%)	7240	45 (0,62%)

ASF situation update (2)

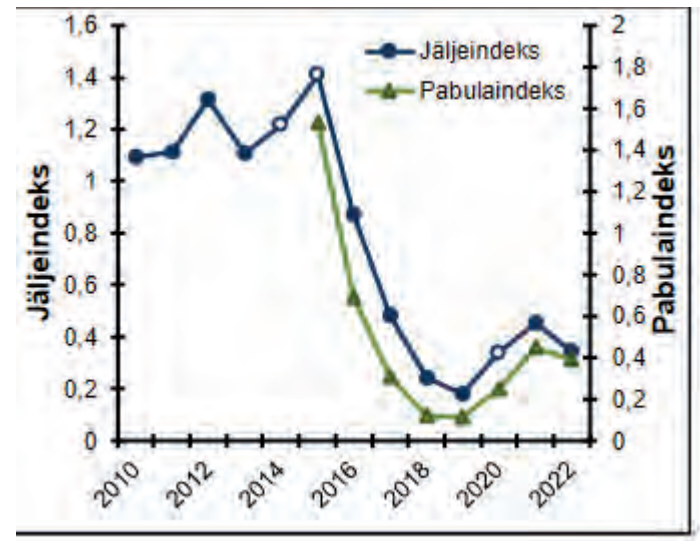
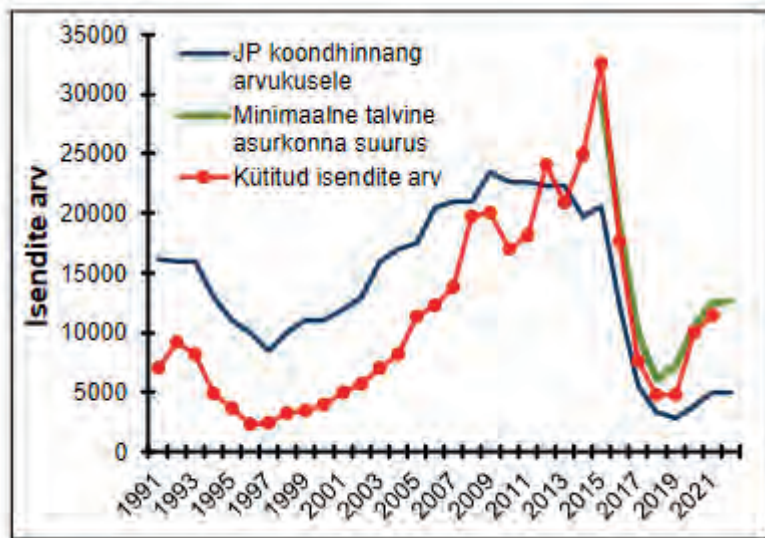
Wild boar test results in 2022

County	No of tests						No of positive animals		
	Blood			Bone marrow	Organs		PCR	ELISA/IP T	PCR+ELI SA /IPT
	PCR	IPT	ELISA	PCR	PCR	IPT			
Harju	406	3	406		2		1	3	
Hiiu	727	5	727	2					
Ida-Viru	282	3	282	4			3	2	
Jõgeva	225	2	225		2			1	
Järva	360	2	360					1	
Lääne	266	5	266	1	1			1	
Lääne-Viru	264	12	264	7			1	11	
Põlva	363	2	363	1			1	1	
Pärnu	720	8	720	2				3	
Rapla	405	2	405	3				1	
Saare	1287	4	1287					2	
Tartu	334	1	334	5					
Valga	376		376	1	1				
Viljandi	687		687	1					
Võru	503	7	503	4	1		7	7	1
Total	7205	56	7205	31	7	0	13	33	1

Location of ASF positive wild boars in 2022



Wild boar population 2022 (1)



green line – wintering population size estimated by Estonian Environment Agency;

Agency;

blue line – based on estimates given by the users of hunting districts

red line – number of hunted wild boars

blue line - winter track index - tracks per 1 km per 24 hours

green line - pellet index– n of excrements per 1 km of transects

Wild boar population 2022 (2)

Hunters estimated wild boar population size (in winter, post harvest) in 2013-2022.

Maakond County	Jahimeeste hinnang arvukusele (n) Hunter estimated population size (n)										2022/2021 muutus (%)	2022/2013 muutus (%)
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Change in hunters estimation (%)	Change in hunters estimation (%)
Harjumaa	2110	1670	1740	1030	450	290	200	280	379	381	0,5	-81,9
Hiiumaa	660	560	580	600	270	290	340	290	354	462	30,5	-30,0
Ida-Virumaa	780	770	820	650	400	340	300	370	406	411	1,2	-47,3
Jõgevamaa	1540	1240	1300	580	70	90	70	160	232	285	22,8	-81,5
Järvamaa	1380	1270	1250	460	110	160	120	210	263	232	-11,8	-83,2
Läänemaa	1430	1310	1480	1380	950	150	90	120	205	256	24,9	-82,1
Lääne-Virumaa	1900	1910	2070	980	260	130	130	270	233	198	-15,0	-89,6
Põlvamaa	1540	1160	1180	310	120	120	130	160	208	179	-13,9	-88,4
Pärnumaa	1930	1500	1780	1160	620	270	250	320	444	441	-0,7	-77,2
Raplamaa	1930	1760	1810	1560	480	270	240	300	361	319	-11,6	-83,5
Saaremaa	1260	1150	1290	2100	1240	490	290	440	662	632	-4,5	-49,8
Tartumaa	1500	1300	1380	570	250	280	190	250	255	276	8,2	-81,6
Valgamaa	1020	1030	850	160	100	120	150	240	304	327	7,6	-67,9
Viljandimaa	2310	1750	1780	360	140	180	220	250	367	316	-13,9	-86,3
Võrumaa	1080	1330	1300	320	160	190	150	230	273	269	-1,5	-75,1
Kokku Total	22370	19710	20600	12220	5620	3370	2870	3890	4946	4984	0,8	-77,7



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Thank you!