

African swine fever surveillance in Finland 2010–2018

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Finland is free from African swine fever (ASF). The surveillance in hunted wild boars and domestic pigs was initiated in 2010 and extended to farmed wild boars in 2011 and includes the whole territory of Finland.

The number of hunted wild boars tested each year is relatively small due to the small wild boar population in Finland (estimated 1 500–2 650 heads, median 1950, January 2019). Natural Resources Institute Finland has developed the stock assessment since 2017, so the historical data is not fully comparable (Figure 1). Most of the tested animals are hunted but these numbers also include a small number of animals found dead or killed in a traffic accident tested each year (<30).

The number of domestic pigs 2018 was 1 041 100 animals in 1 000 holdings. Wild boars were farmed in approx. 100 farms in Finland 2018. Passive surveillance is performed in domestic pigs continuously but active serosurveillance only years 2012–2016 (Table 1.).

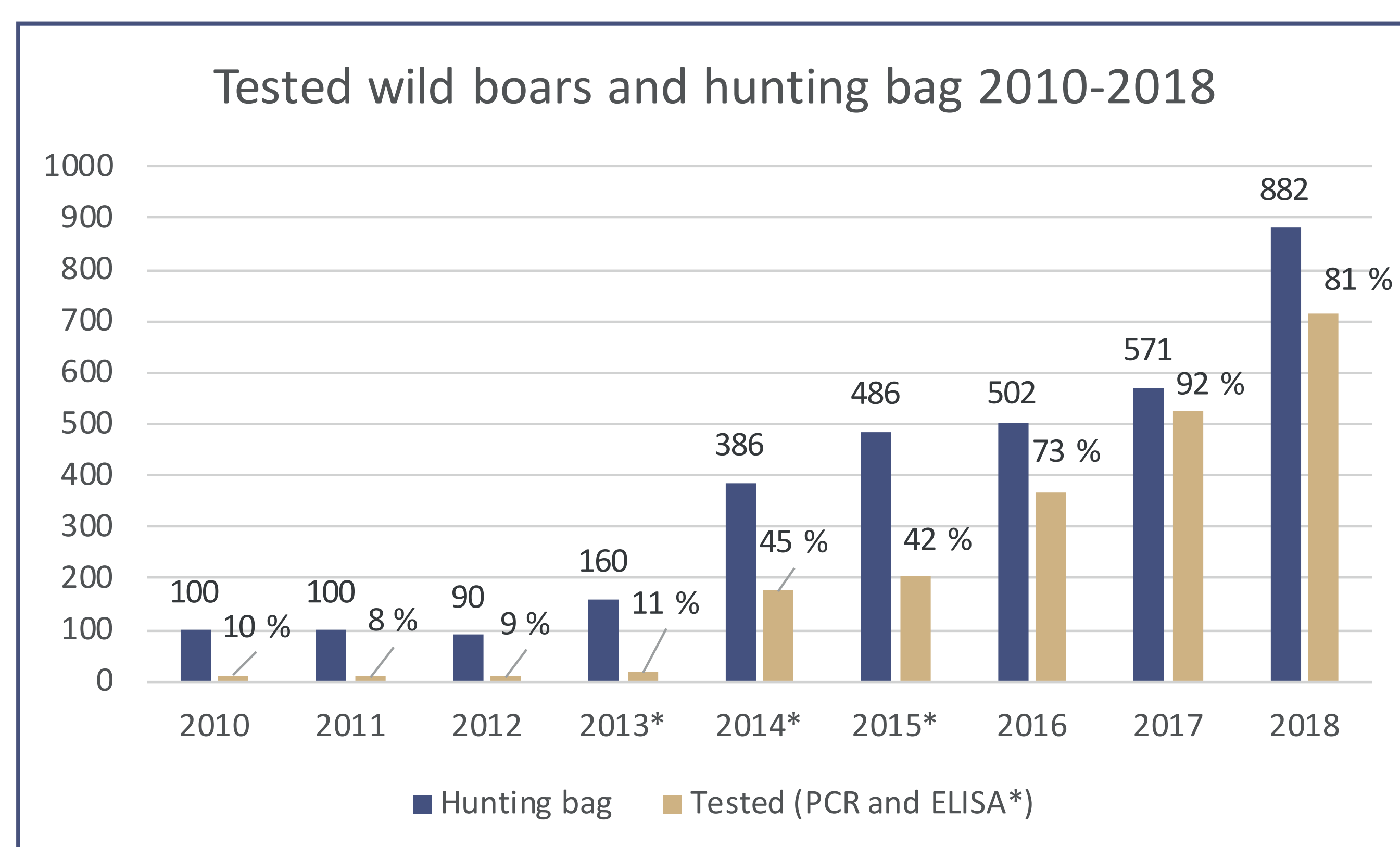


Table 1. Tested farmed wild boars and domestic pigs for ASF years 2010–2018, all with negative results.

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018
Farmed wild boars PCR^{1,2}		42	33	1	2	130	60	44	54
Farmed wild boars ELISA^{1,2}				43	55	107			
Domestic pigs PCR¹	4	78	45	100	40	91	128	57	55
Domestic pigs ELISA^{1,2}			1 096	1 126	1 135	42	24		

¹passive surveillance ²active surveillance

