

Rabies, data of 2014, NRC

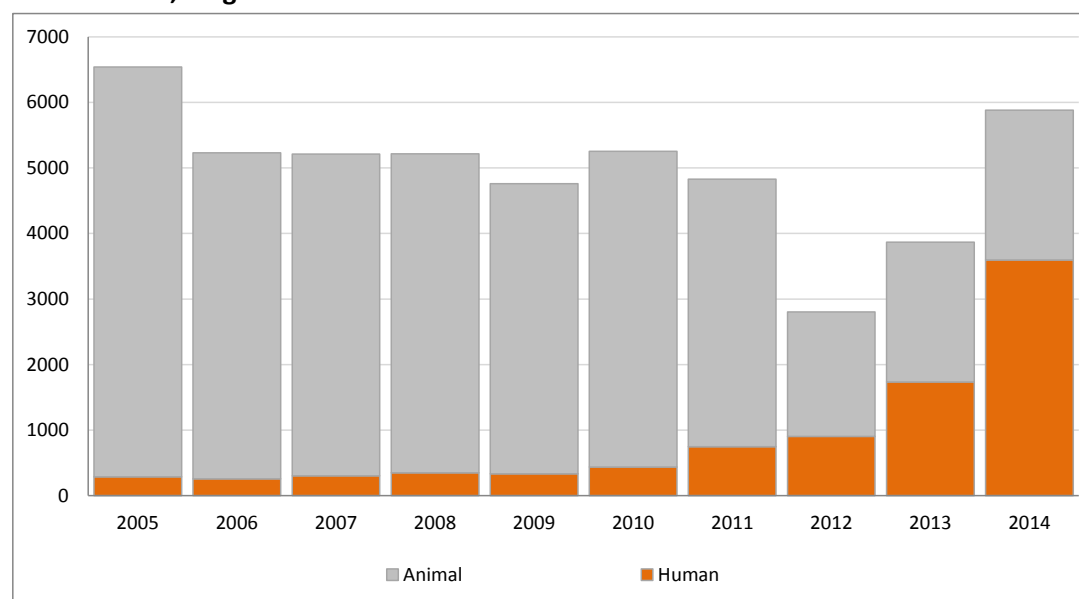
Number of serology tests* performed to measure humoral immunity in humans and animals† from 2005 to 2014, Belgium

	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
Human	3596	1735	904	746	438	335	350	303	256	289
Dog	716	1399	1283	3263	3893	3598	3953	3961	3940	4935
Cat	1568	733	615	817	921	826	913	948	1034	1313
Total Animal	2286	2132	1898	4080	4814	4424	4866	4909	4974	6248
TOTAL	5882	3885	2802	4826	5252	4759	5216	5212	5231	6538

* Dosage of rabies antibodies to control vaccine effectiveness of preventive and curative vaccination

† Serology in dogs and cats is carried out under the regulation of international travels of pets.

Evolution of rabies serology testing : Number of tests* performed for humans and animals from 2005 to 2014, Belgium



* Dosage of rabies antibodies to control vaccine effectiveness of preventive and curative vaccination

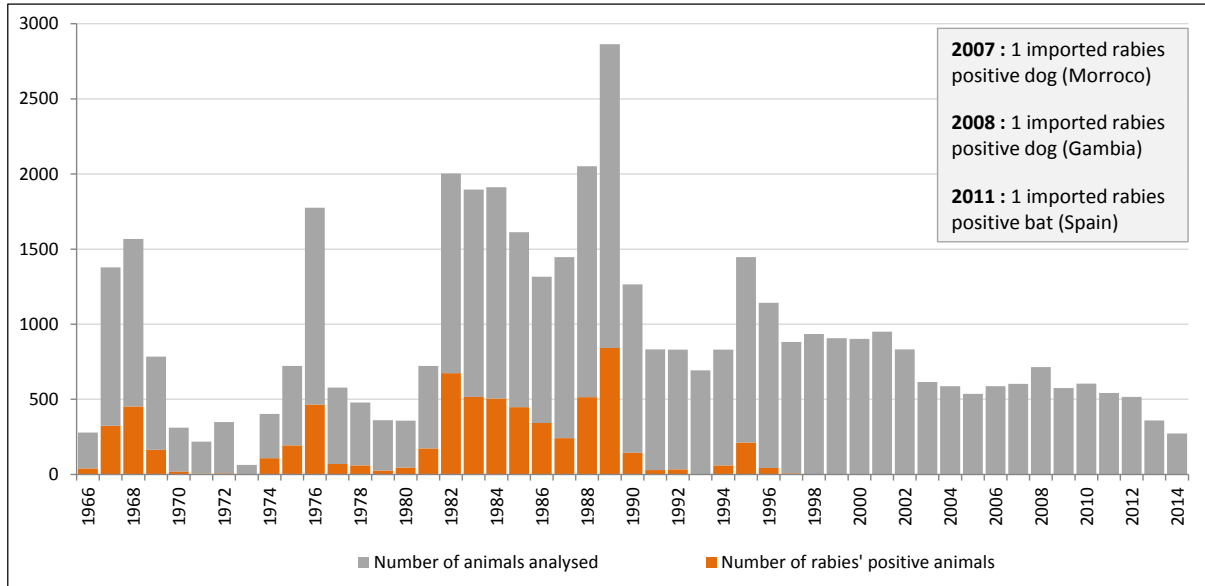
The number of serology tests for animals dropped in 2012 because of a change in the European legislation, which now no longer requires serology testing for entry of pets in the UK, Ireland, Sweden and Malta, coming from another EU country. Serology testing is still required for entry of pets in the EU and coming from a rabies-endemic third country.

The number of serology tests in humans is on the rise, because of an increasing trend to measure anti-rabies immunity after primovaccination, before booster vaccination or after post exposure treatment. A proper serologic follow up of the immunity allows to reduce unnecessary booster vaccinations and save on the use of rabies vaccines, which are sometimes difficult to procure.

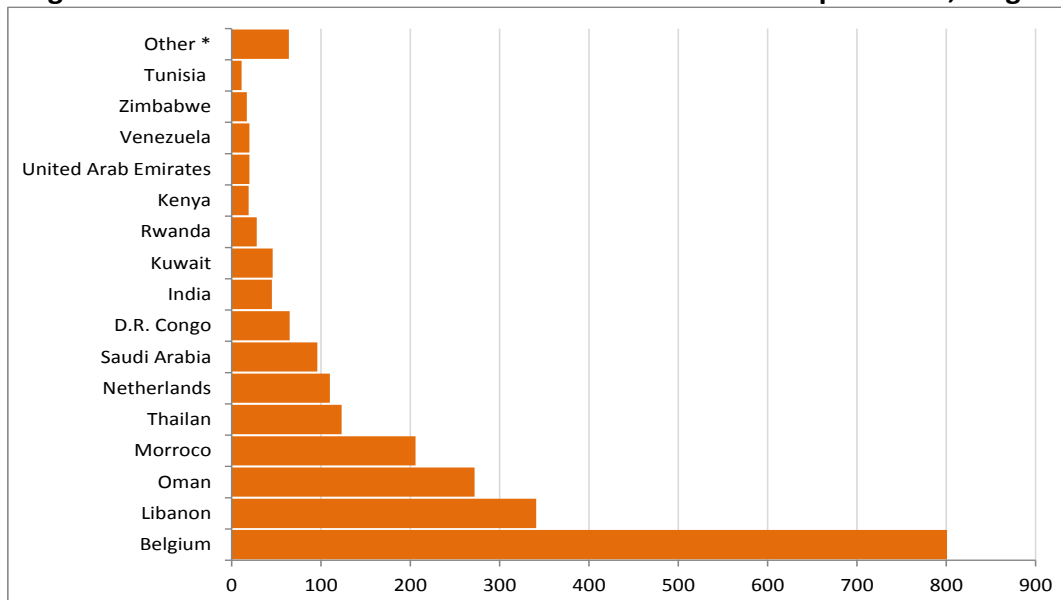
Number of tests performed for diagnosis of rabies in humans, from 2011 to 2014, Belgium

	2014	2013	2012	2011
Positive	0	0	0	0
Negative	2	3	3	0
TOTAL	2	3	3	0

Surveillance of rabies in Belgium : Number of animals tested for rabies and positive cases, 1996-2014



Origin of animals tested for rabies antibodies in the frame of pet travel, Belgium 2014



*Other countries: Luxembourg, Ethiopia, Burkina Faso, France, Spain, Syria, Argentina, Cameroun, China, Egypt, Philippines, South Africa, South Korea, Andorra, Benin, Curacao, Romania, Senegal, Uruguay, Vietnam, Yemen.

National reference center for Rabies

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