

Rabies, data of 2015, NRC

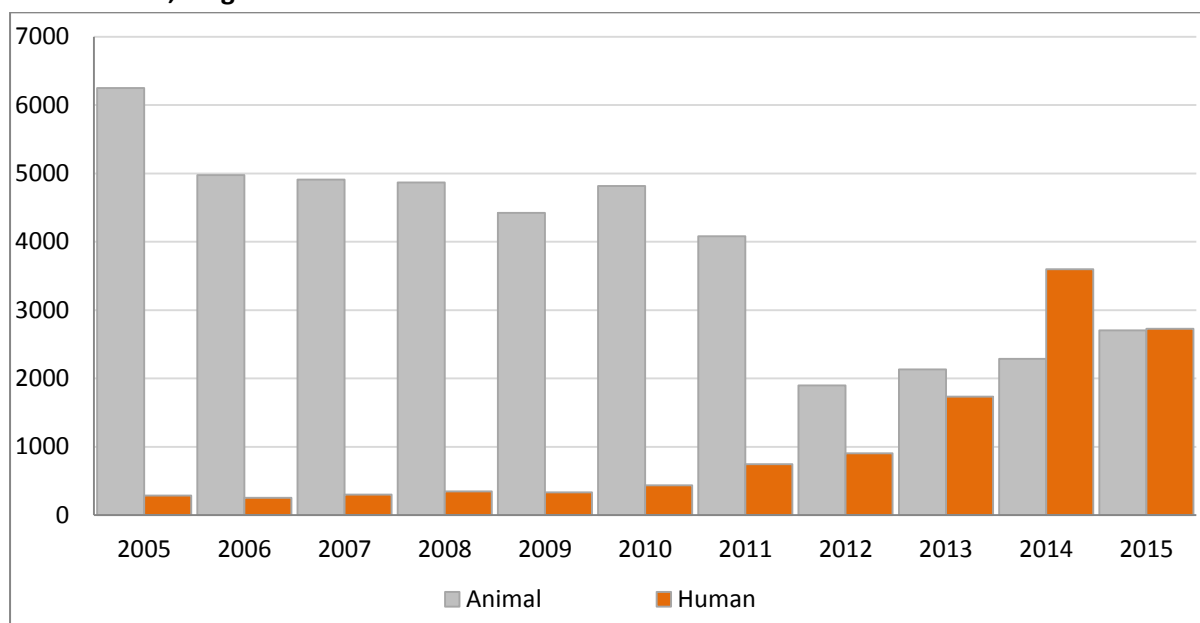
Number of serology tests* performed to measure humoral immunity in humans and animals† from 2005 to 2015, Belgium

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

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Human	289	256	303	350	335	438	746	904	1735	3596	2774
Dog	4935	3940	3961	3953	3598	3893	3263	1283	1399	1568	1820
Cat	1313	1034	948	913	826	921	817	615	733	716	883
Total Animal	6248	4974	4909	4866	4424	4814	4080	1898	2132	2286	2703
TOTAL	6538	5231	5212	5216	4759	5252	4826	2802	3885	5882	5477

† 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 2015, 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 primo-vaccination, before booster vaccination or after post exposure treatment. A proper serologic follow up of the immunity allows to reduce unnecessary booster vaccination and save on the use of rabies vaccines, which are sometimes difficult to procure.

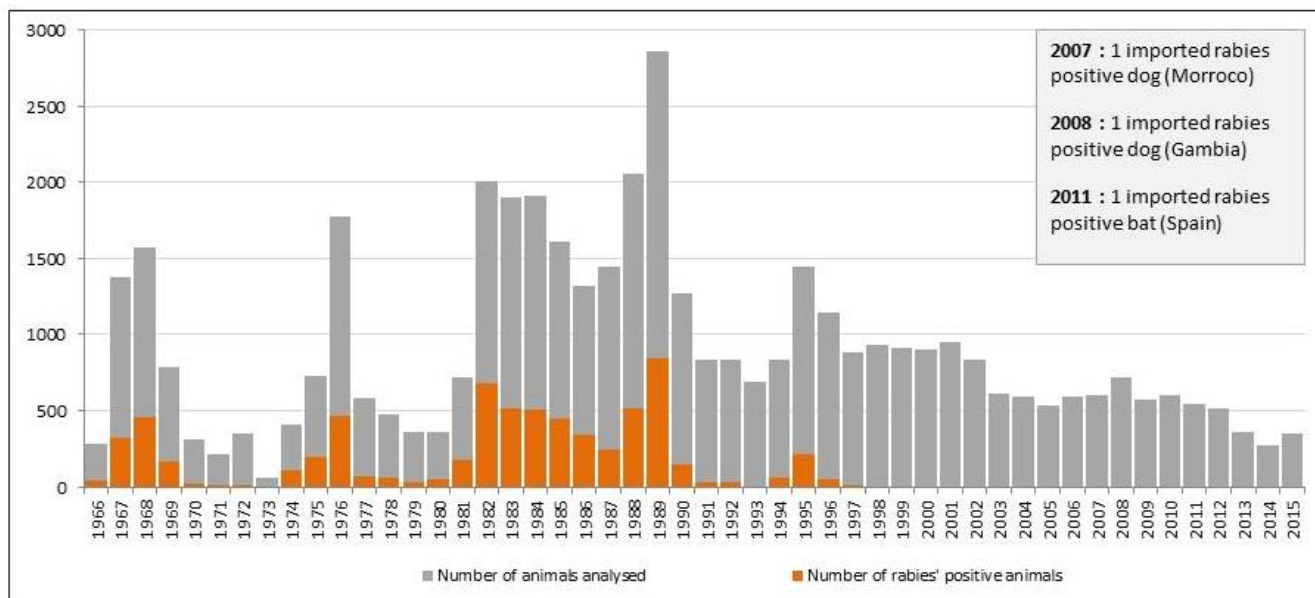
National reference center for Rabies

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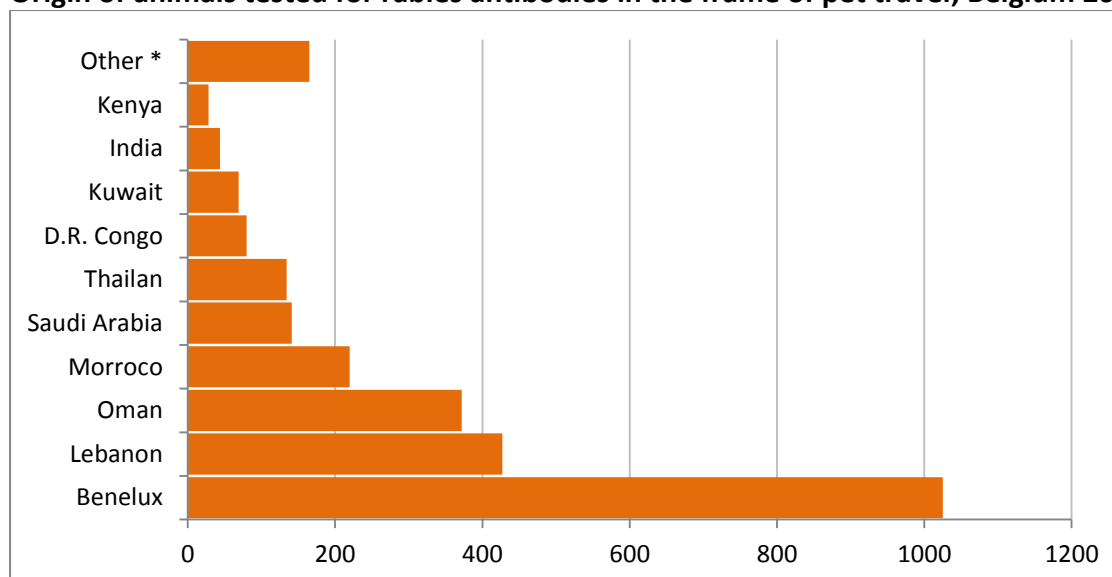
Number of tests performed for diagnosis of rabies in humans, from 2011 to 2015, Belgium

	2011	2012	2013	2014	2015
Positive	0	0	0	0	0
Negative	0	3	3	2	1
TOTAL	0	3	3	2	1

Surveillance of rabies in Belgium : Number of animals tested for rabies and positive cases, 1996-2015



Origin of animals tested for rabies antibodies in the frame of pet travel, Belgium 2015



*Other countries: Bengla Desh, Burkina Faso, Burundi, France, Gambia, Spain, Syria, Cameroun, China, Egypt, Ivory Coast, Ecuador, Ethiopia, Georgia, Indonesia, Iran, Israel, Jordan, South Korea, KYRGYZSTAN, Liberia, Nigeria, Niger, Taiwan, Tunisia, Rwanda, UAE, Venezuela, Zimbabwe.

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