

# ***Rabies Surveillance in Georgia***

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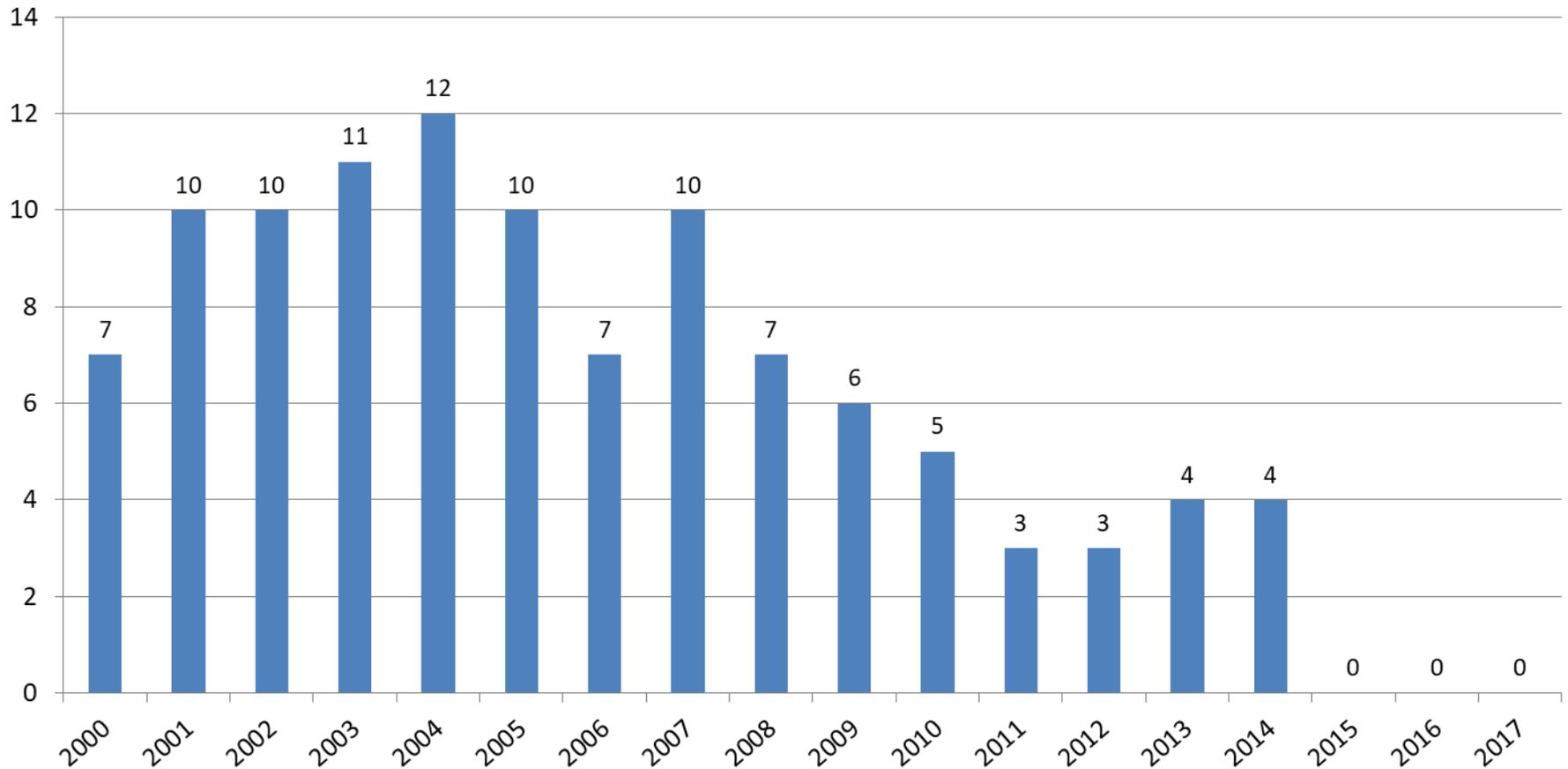


# Introduction

- Rabies data have been registered in Georgia since 1930;
- Rabies is an important public health issue and a priority disease for the government ;
- Rabies is among the urgent notifiable diseases;
- As a result of post exposure prophylaxis and effective domestic animals' vaccination campaigns no human rabies cases have been registered in the country since 2015.

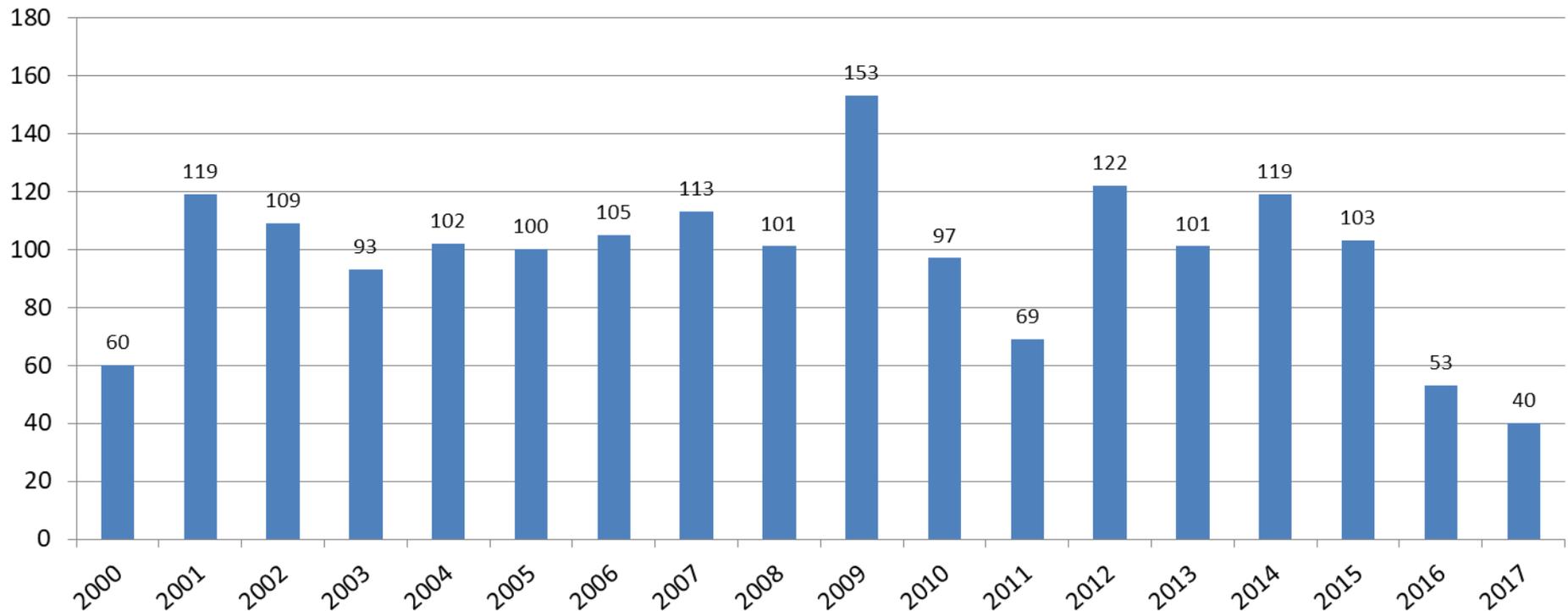
# Number of human rabies cases, 2000-2017

- N° of animal bites in 2017 - 52 008
- N° of human rabies deaths in 2017 - 0

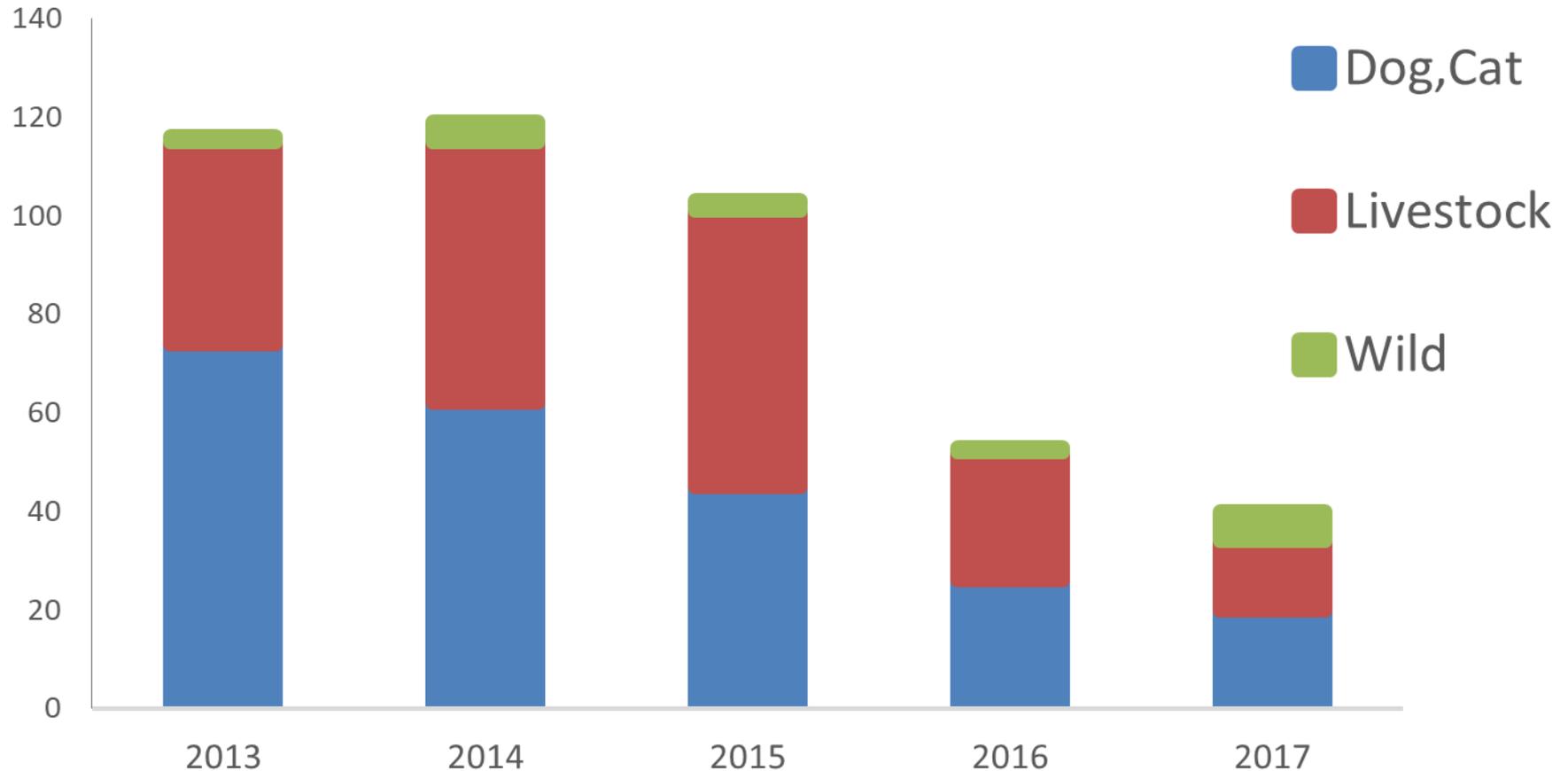


# Number of animal rabies cases, 2000-2017

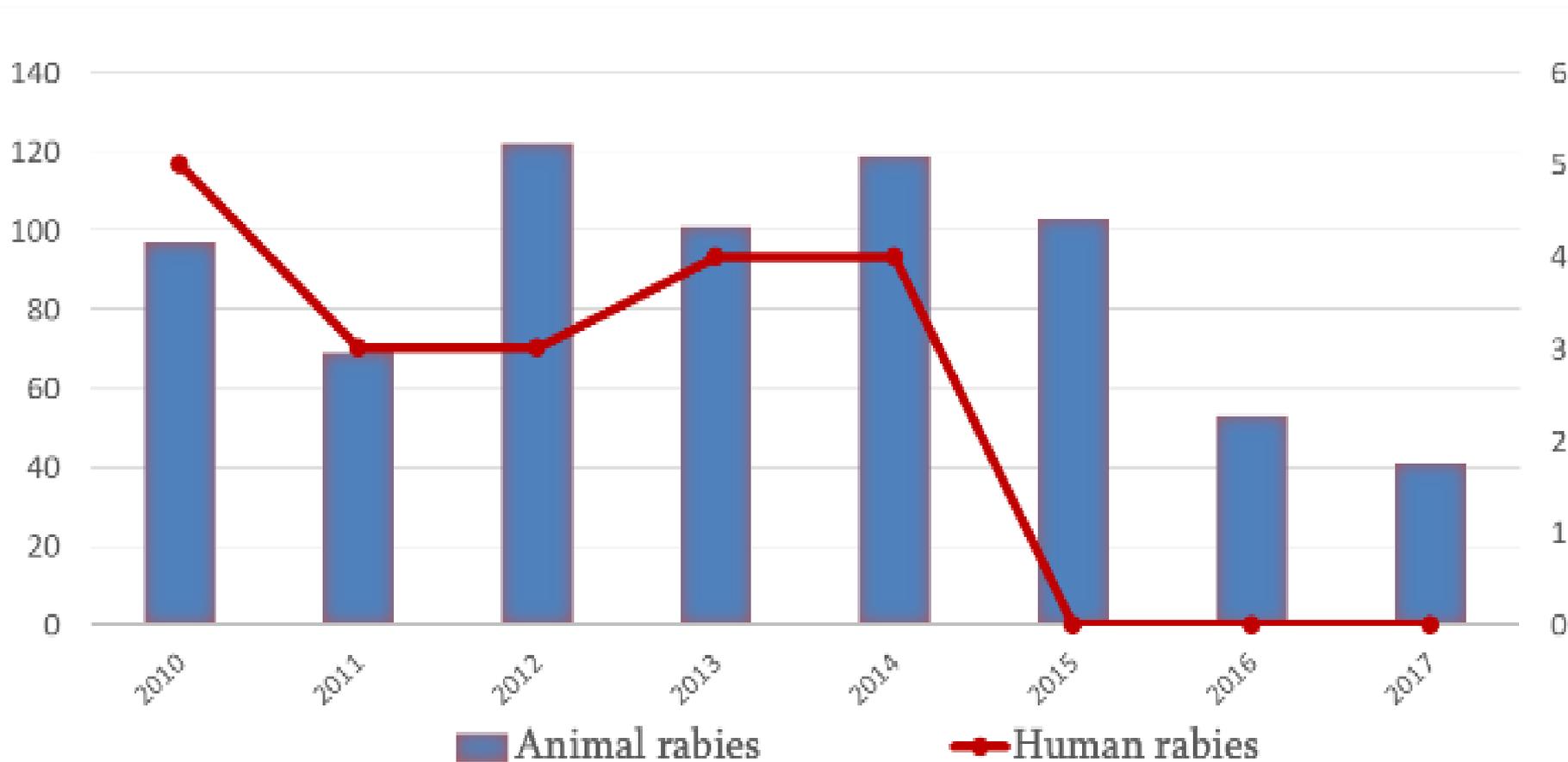
- 40 Animal Cases/20 Dog Cases in 2017
- N° dogs vaccinated in 2017 - 264,398 owned Dog and Cat and 3,440 stray dogs (Tbilisi)
- % dogs vaccinated - 88 % of owned Dog and Cat



# Number of animal rabies cases according to species



# Number of animal and human rabies cases, 2010-2017

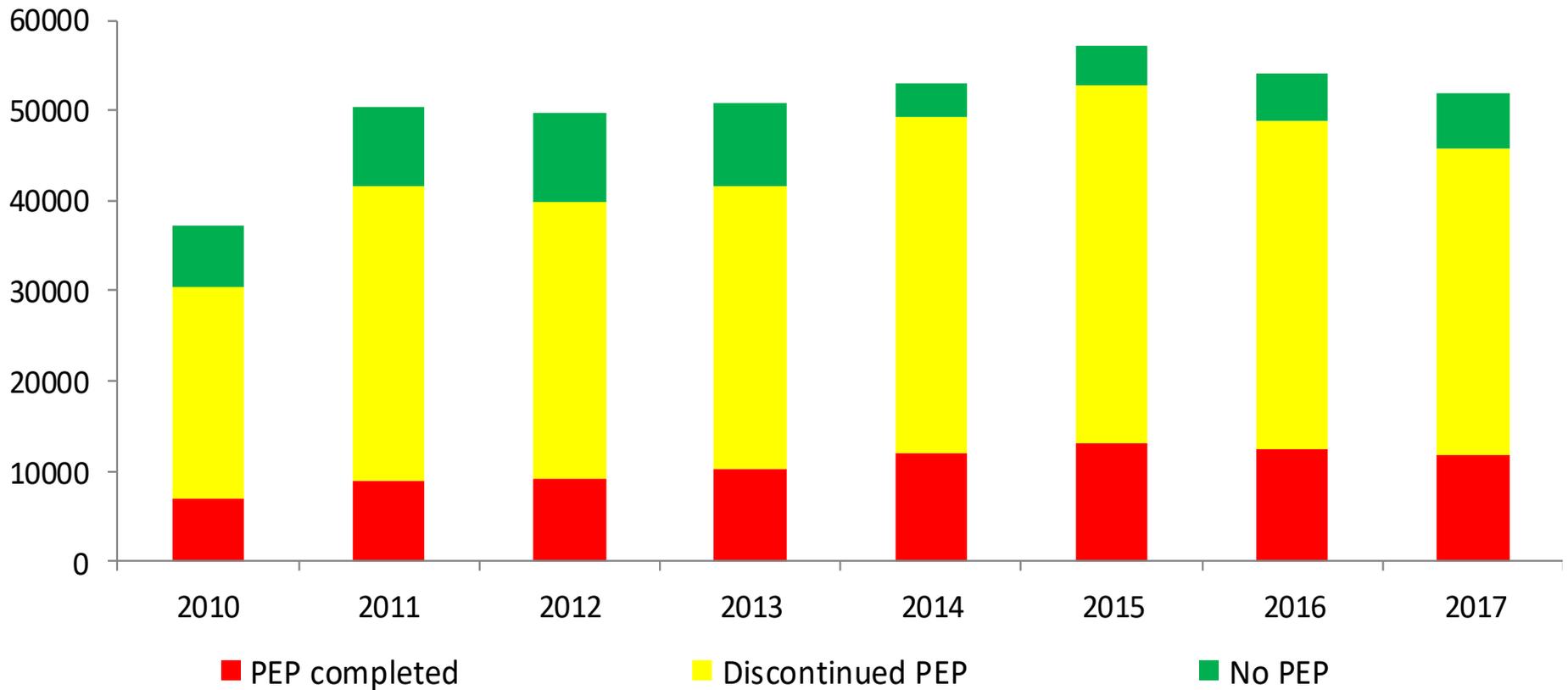


# Exposure

- Almost all cases were caused by dog bites
- Major risk factors:
  - in human : large population of stray dogs and unvaccinated pets
  - In animal: wild animals and stray dogs

# Post exposure prophylaxes in Georgia

The number of reported admissions for treatment following exposure or suspected exposure to potentially rabid animals has increased each year, along with an increase of discontinued PEP



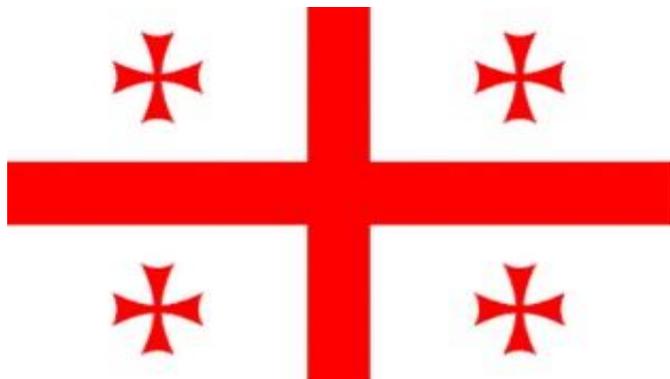
# Post exposure prophylaxes in Georgia

- **Vaccination schedule (route/n° doses) - Essen 5-dose regimen**
- **Vaccine used - Speeda, Liaoning Cheng Da Biotechnology Co., China**
- **N° of persons who received PEP in 2017 – 45 794**
- **N° of persons who received RIG in 2017 – 9 880**
- **For PEP pay - Central Government**



# Challenges in Rabies control and prevention in Georgia

- A high number of rabies post-exposure prophylaxis (PEP) incidence;
- A high number of stray dogs;
- No experience of vaccination of wild animals.



**Thank You  
for your attention**

