

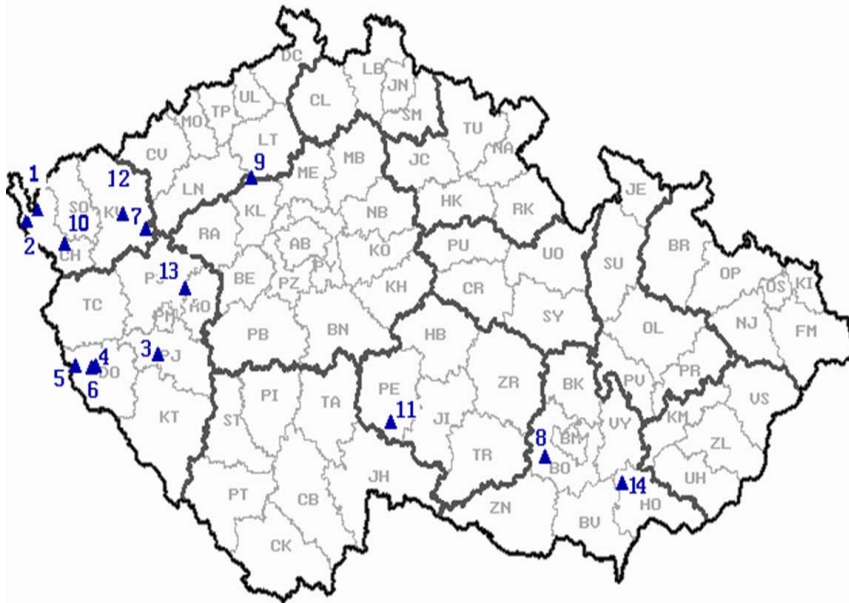
# Bluetongue Situation in the Czech Republic 2007 - 2011

# OUTBREAKS

- 14 outbreaks, BTV8
- First outbreak - on 26<sup>th</sup> November 2007
- Last outbreak - on 25<sup>th</sup> September 2009
- Last virologically positive case - on 31<sup>st</sup> October 2008
- Since 7<sup>th</sup> October 2008 was the whole territory of the C R as restricted zone.

## List of outbreaks:

1. 26.11.2007 (virologically positive)
2. 19.3.2008 (virologically positive)
3. 22.8.2008 (virologically positive)
4. 25.9.2008 (virologically positive)
5. 20.10.2008 (virologically positive)
6. 24.10.2008 (virologically positive)
7. 29.10.2008 (virologically positive)
8. 31.10.2008 (virologically positive)
9. 13.11.2008 (seropositive)
10. 21.11.2008 (seropositive)
11. 30.4.2009 (seropositive)
12. 28.4.2009 (seropositive)
13. 16.9.2009 (seropositive)
14. 25.9.2009 (seropositive)



# Vaccination

- **2008 – Emergency vaccination (BTV 8)**  
Area: whole territory of the CR  
Animals: all cattle, sheep and goats over 3 months of age  
Vaccinated more than 90 % of animals.
- **2009 – Preventive vaccination (BTV 8)**  
Area: whole territory of the CR  
Animals: all cattle, sheep and goats over 3 months of age  
Vaccinated more than 90 % of animals.
- **2010 – Preventive vaccination (BTV 8)**  
Area: whole territory of the CR  
Animals: all cattle, sheep and goats over 3 months of age.  
Vaccinated more than 90 % of animals.
- **2011 – Preventive vaccination (BTV 8)**  
28/04/2011 (vaccination ceased)  
Area: whole territory of the CR  
Animals: all cattle over 3 months of age  
Vaccinated more than 50 % of animals.

# BT surveillance

## Monitoring of susceptible animals

Since 10/10/2007 still ongoing

## 2011 – Virological monitoring (PCR) – bovine and ovine animals

Period: from 11/04/2011 until 24/11/2011 (End of vector season)

### Virological monitoring 11/04 / 2011 - 23/11/2011

Bovine		Ovine	
No. of samples	No. of positive	No. of samples	No. of positive
895	0	179	0

# BT surveillance

## Entomological monitoring

Since 2008

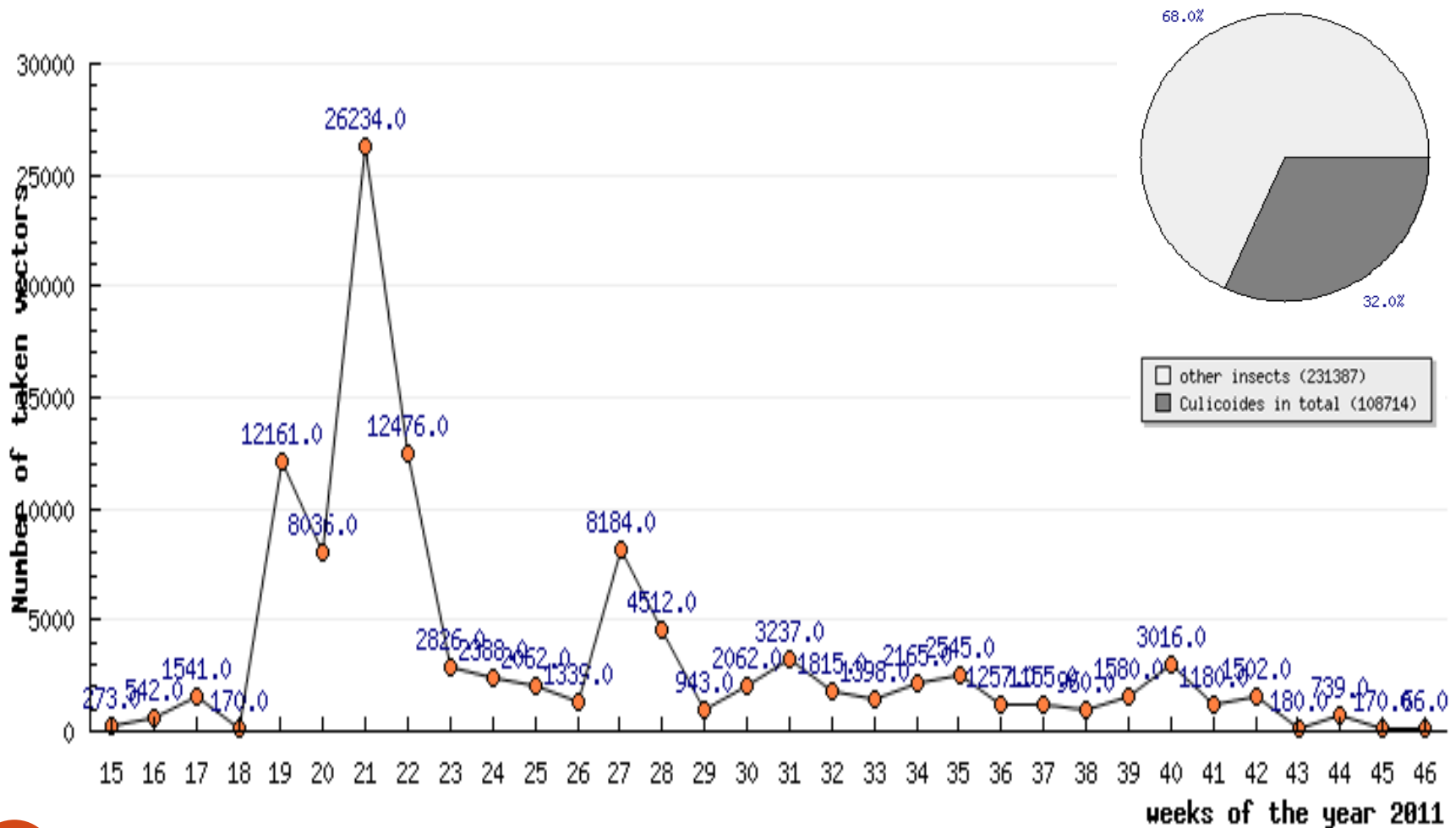
### 2011 – Entomological monitoring (33 traps)

Period: from 29/04/2011 until 24/11/2011 (End of vector season).

Number of samples	Number of positive samples (Culicoides captured)
943	523

# BT surveillance

Survey of vector samples taken in the particular weeks of the year 2011



# Summary

- Last outbreak of BT on 25<sup>th</sup> September 2009.
- Last virologically positive case on 31<sup>st</sup> October 2008.  
Serological, respectively virological monitoring and entomological monitoring since 2007.
- Two vector seasons without virus circulation in animal population (2010 and 2011).
- Since 25<sup>th</sup> November 2011 is the whole territory of the Czech Republic free from BTV 8.