



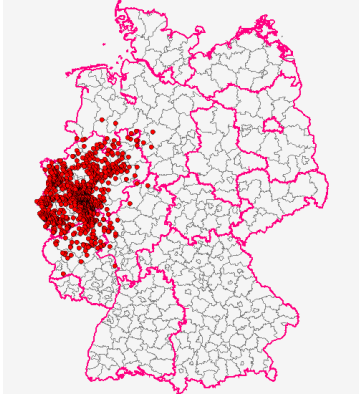
Federal Ministry
of Food
and Agriculture

Detection of Bluetongue virus serotype 8 infection in cattle in Germany

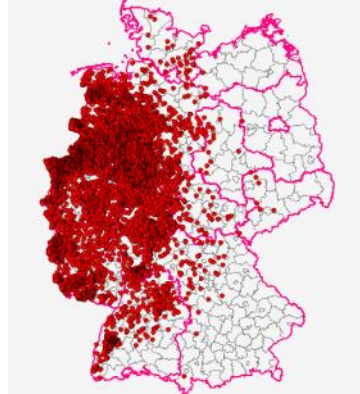
SCoPAFF 16 January 2019

BTV-History in Germany

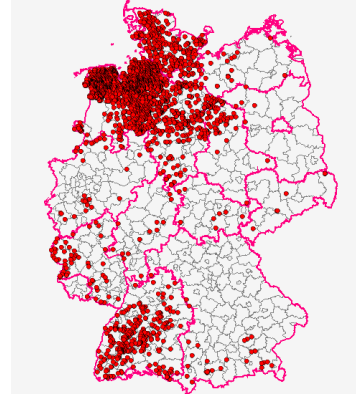
2006 (since 21.08.)



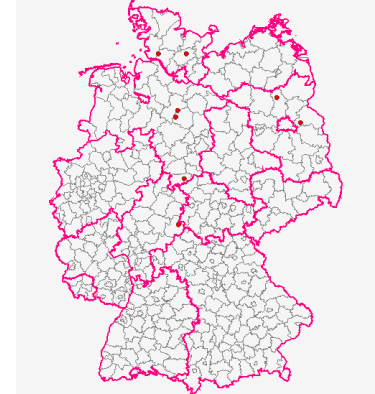
2007



2008



2009 (last case: 17.11.)



no more cases since 2009 for a long time ...

Declaration of BTV-freedom for Germany at OIE
with effect from 15.2.2012

Chronology of the BTV-8 reoccurrence

6th December 2018
in a

BTV-8 suspicion due to a borderline positive result
cow in the framework of BTV-monitoring (PCR and
serology), no clinical symptoms

exclude

further sampling of all animals in holding (91) to
false positive result (f. e. due to vaccination, lab
contamination)

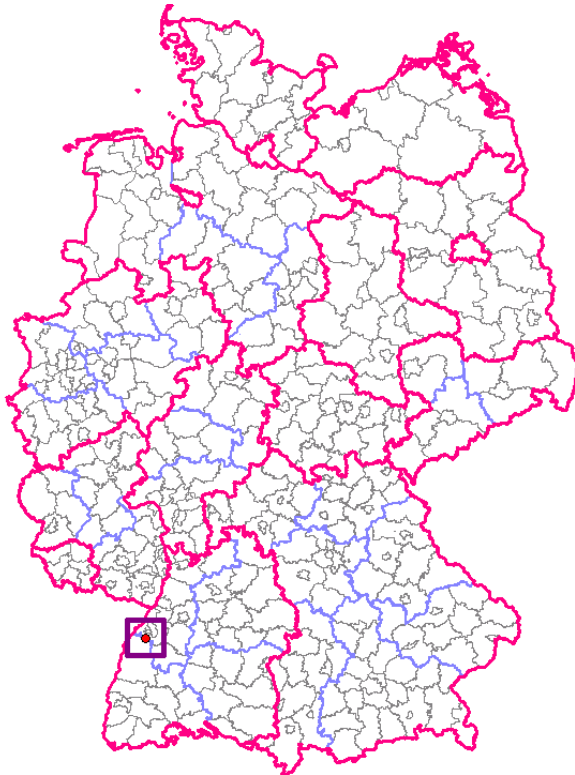
7th December
animal,

BTV-8 positive result via PCR by NRL in one
preparations for restriction zone (150 km) started,
establishment of trade restrictions for the affected
holding

12th December
13th December

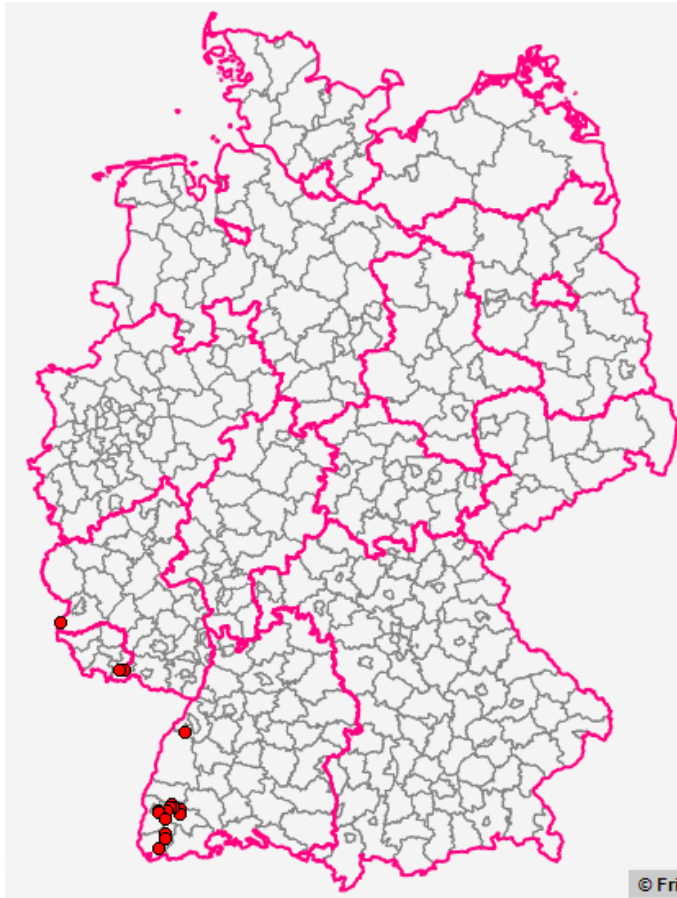
confirmation of BTV-8 in two cattle in the holding
notification in ADNS, short report to the COM and
immediate notification in OIE

Description of the first affected holding



- mixed holding with mother cows, cattle for fattening, laying hens, farm shop
- all 91 cattle clinical inconspicuous
- lab investigation due to routine monitoring
- no BTV-vaccination since 2009
- no animal contacts/ trade from or to other holdings in the last 100 days (except for slaughter)

Further detection of BTV-8 in Germany

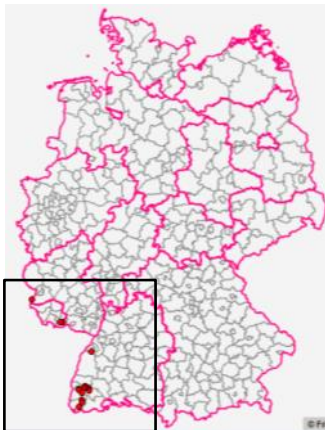


- mixed holding with mother cows, cattle for fattening, laying hens, farm shop
- all 91 cattle clinical inconspicuous
- lab investigation due to routine monitoring
- no BTV-vaccination since 2009
- no animal contacts/ trade from or to other holdings in the last 100 days (except for slaughter)

Further detection of BTV-8 in Germany

Date of detection	Virus	Land	District	Animal	Method
12.12.2018	Bluetongue Virus Serotype 8	Baden-Württemberg	Rastatt	dairy cow > 2 years	PCR
07.01.2019	Bluetongue Virus Serotype 8	Baden-Württemberg	Breisgau-Hochschwarzwald	calf - 4. weeks	PCR
07.01.2019	Bluetongue Virus Serotype 8	Baden-Württemberg	Breisgau-Hochschwarzwald	calf - 3 month	PCR
09.01.2019	Bluetongue Virus Serotype 8	Baden-Württemberg	Breisgau-Hochschwarzwald	calf - 3 month	PCR
09.01.2019	Bluetongue Virus Serotype 8	Baden-Württemberg	Breisgau-Hochschwarzwald	calf - 4. weeks	PCR
09.01.2019	Bluetongue Virus Serotype 8	Baden-Württemberg	Breisgau-Hochschwarzwald	calf - 3 month	PCR
09.01.2019	Bluetongue Virus Serotype 8	Baden-Württemberg	Breisgau-Hochschwarzwald	calf - 3 month	PCR
09.01.2019	Bluetongue Virus Serotype 8	Baden-Württemberg	Breisgau-Hochschwarzwald	calf - 3 month	PCR
10.01.2019	Bluetongue Virus Serotype 8	Baden-Württemberg	Lörrach	cattle > 2 years	PCR (Pan-BTV-RT-PCR)
10.01.2019	Bluetongue Virus Serotype 8	Baden-Württemberg	Lörrach	calf - 1-6 month	PCR (Pan-BTV-RT-PCR)
11.01.2019	Bluetongue Virus Serotype 8	Rheinland-Pfalz	Trier-Saarburg	calf - 4. weeks	PCR (Pan-BTV-RT-PCR)
11.01.2019	Bluetongue Virus Serotype 8	Baden-Württemberg	Lörrach	cattle	PCR (Pan-BTV-RT-PCR)
11.01.2019	Bluetongue Virus Serotype 8	Baden-Württemberg	Breisgau-Hochschwarzwald	calf - 4. weeks	PCR
11.01.2019	Bluetongue Virus Serotype 8	Baden-Württemberg	Freiburg i. Breisgau,Stadt	calf - 1-6 month	PCR
11.01.2019	Bluetongue Virus Serotype 8	Baden-Württemberg	Breisgau-Hochschwarzwald	calf - 3 month	PCR
14.01.2019	Bluetongue Virus Serotype 8	Saarland	Saar-Pfalz-Kreis	calf - 3 month	PCR
14.01.2019	Bluetongue Virus Serotype 8	Rheinland-Pfalz	Zweibrücken,Stadt	calf - 1-6 month	PCR

Extension of the 150 km-zone

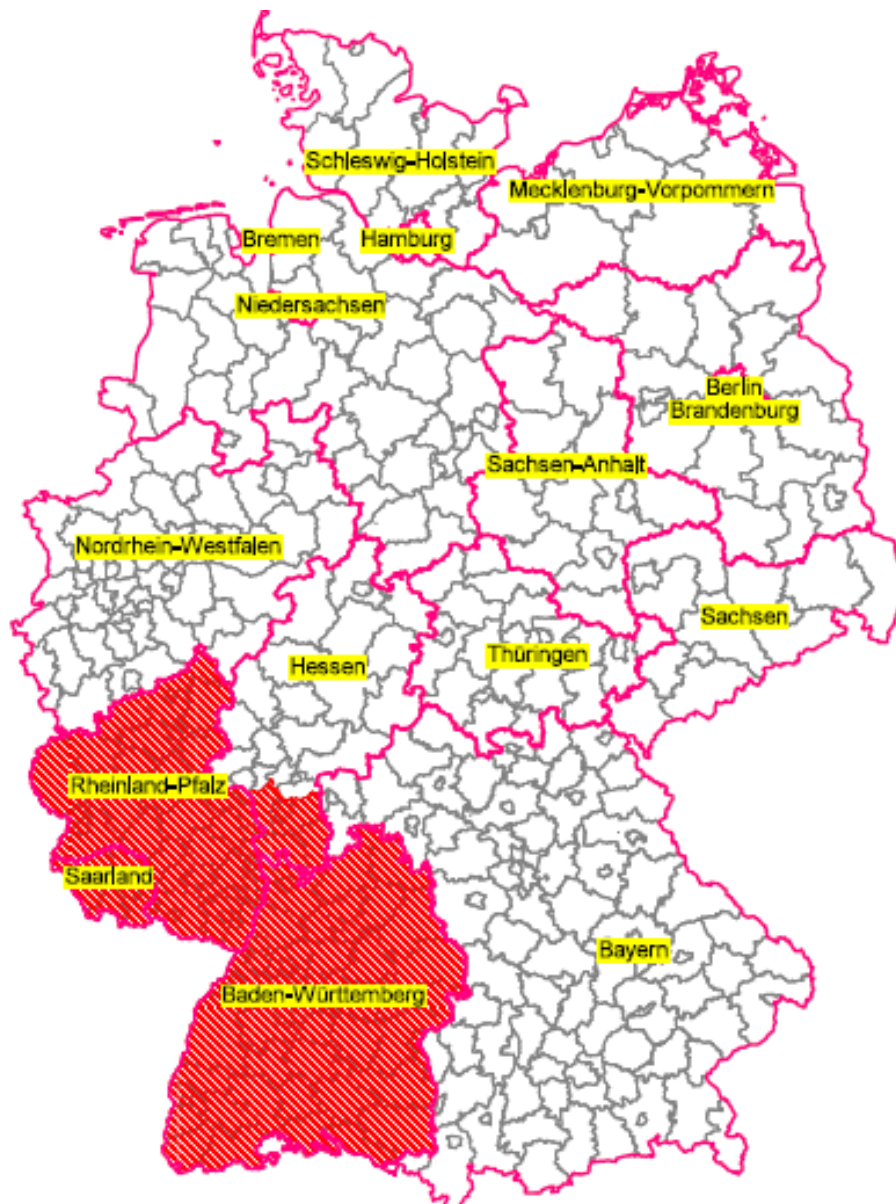


Baden-Wuerttemberg (complete)
Rhineland-Palatinate (complete)
Saarland (complete)
Hesse (part)
North-Rhine Westphalia (part)

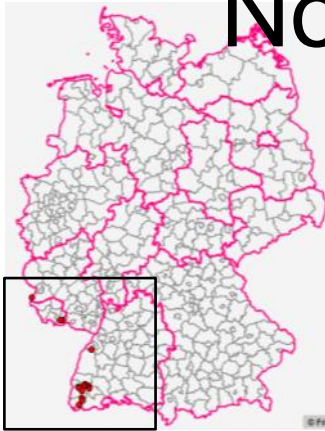
also affected:
France
Switzerland
(already under restriction for BTV-8)



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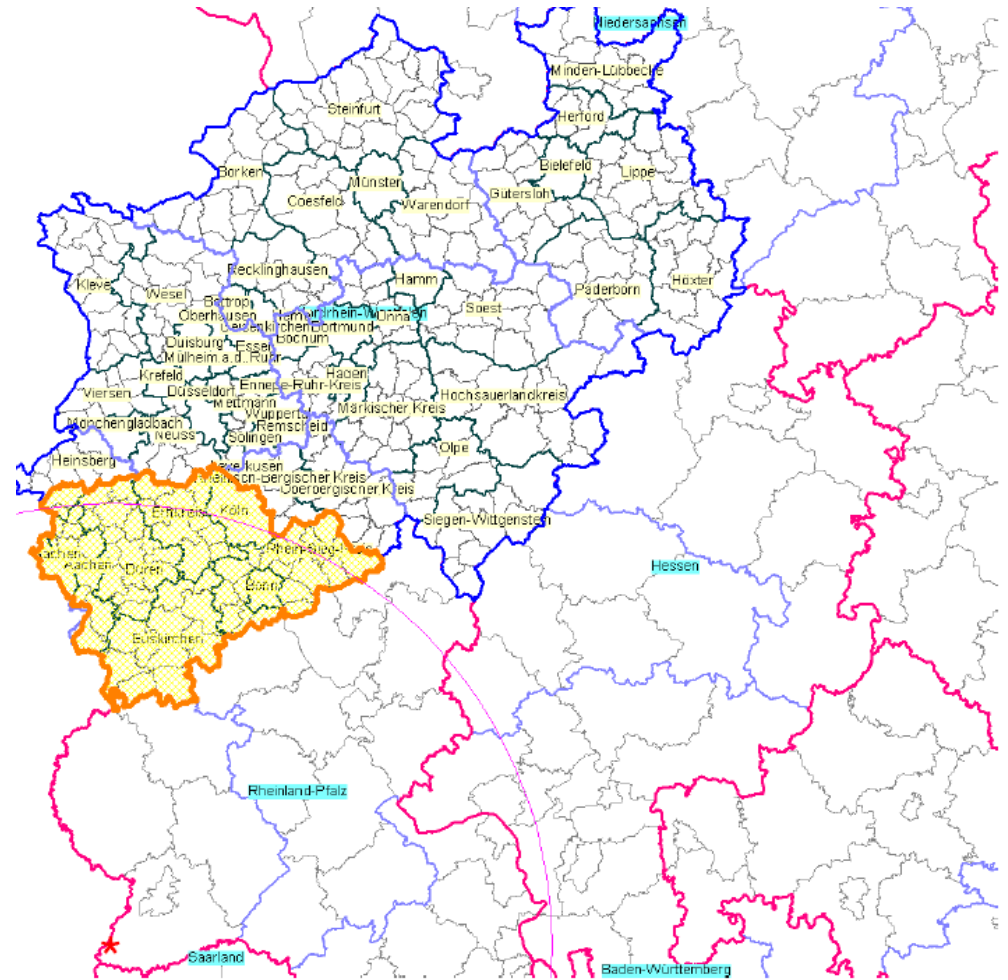


Extension of the 150 km-zone: North-Rhine Westphalia

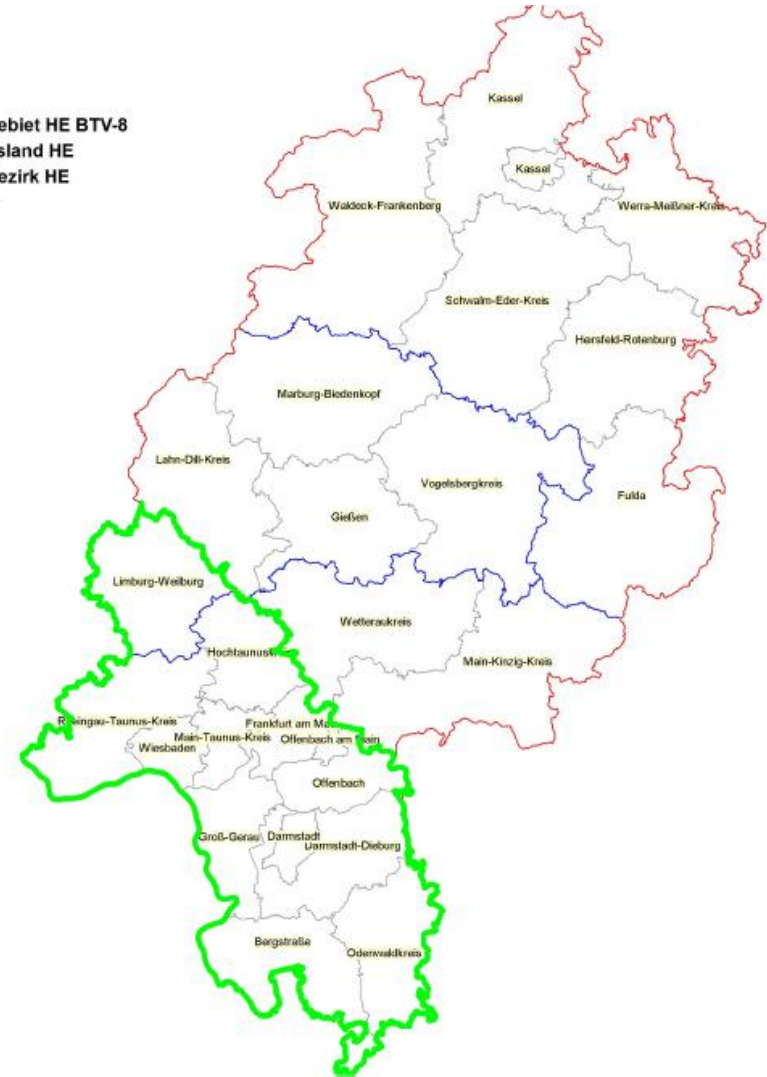
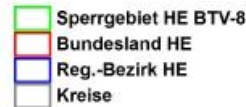
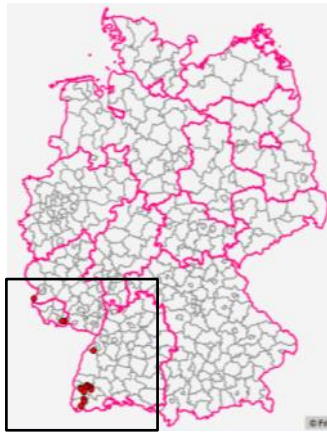


Baden-Wuerttemberg (complete)
Rhineland-Palatinate (complete)
Saarland (complete)
Hesse (part)
North-Rhine Westphalia (part)

also affected:
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(already under restriction for BTV-8)



Extension of the 150 km-zone: Hesse



Baden-Wuerttemberg (complete)
Rhineland-Palatinate (complete)
Saarland (complete)
Hesse (part)
North-Rhine Westphalia (part)

also affected:
France
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Thank you for your attention!