

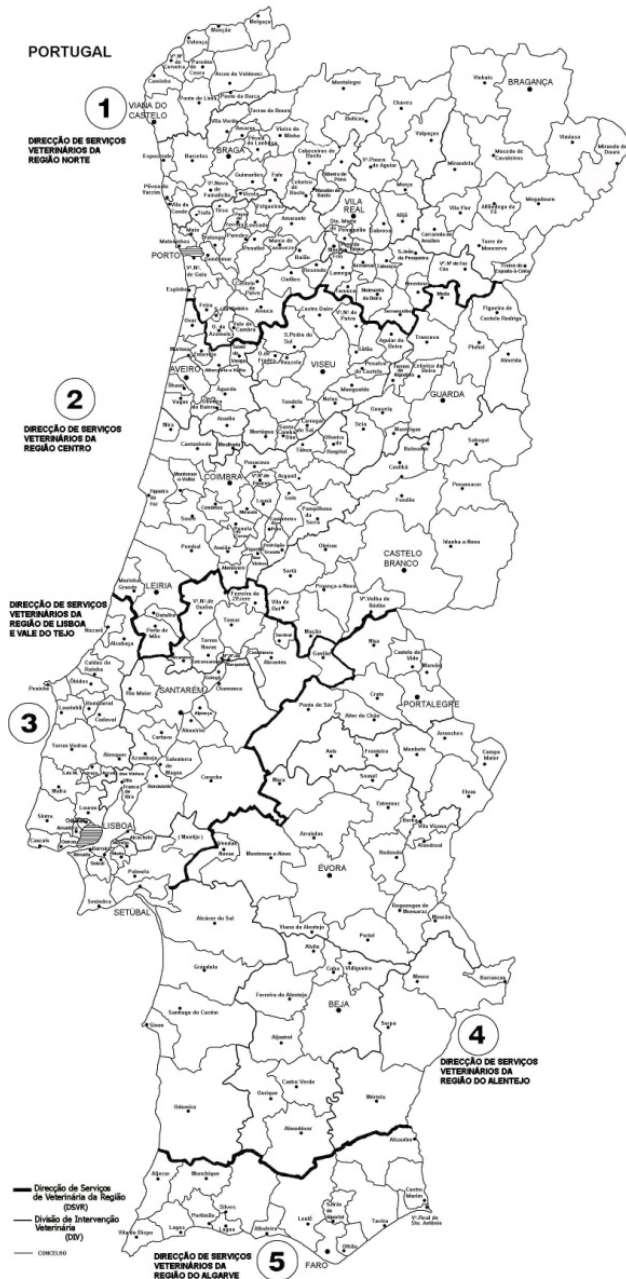


Portugal

Bovine brucellosis eradication programme 2010


Epidemiological situation


National Eradication Programme



N.º Herds on the programme 38.806

N.º Animals on the programme 961.318


 Ministério da
Agricultura,
do Desenvolvimento
Rural e das Pescas


 DGV
Direcção-Geral
de Veterinária

Direcção de Serviços de Saúde e Protecção Animal

**PROGRAMA DE ERRADICAÇÃO
DA
BRUCELOSE DOS BOVINOS

2010

PORTUGAL**

DIRECÇÃO DE SERVIÇOS DE SAÚDE E PROTECÇÃO ANIMAL
DIRECÇÃO GERAL DE VETERINÁRIA

LARGO DA ACADEMIA NACIONAL DE BELAS-ARTES, 1 - 1200-103 LISBOA TEL: 21 327 91 00 FAX: 21 341 35 18

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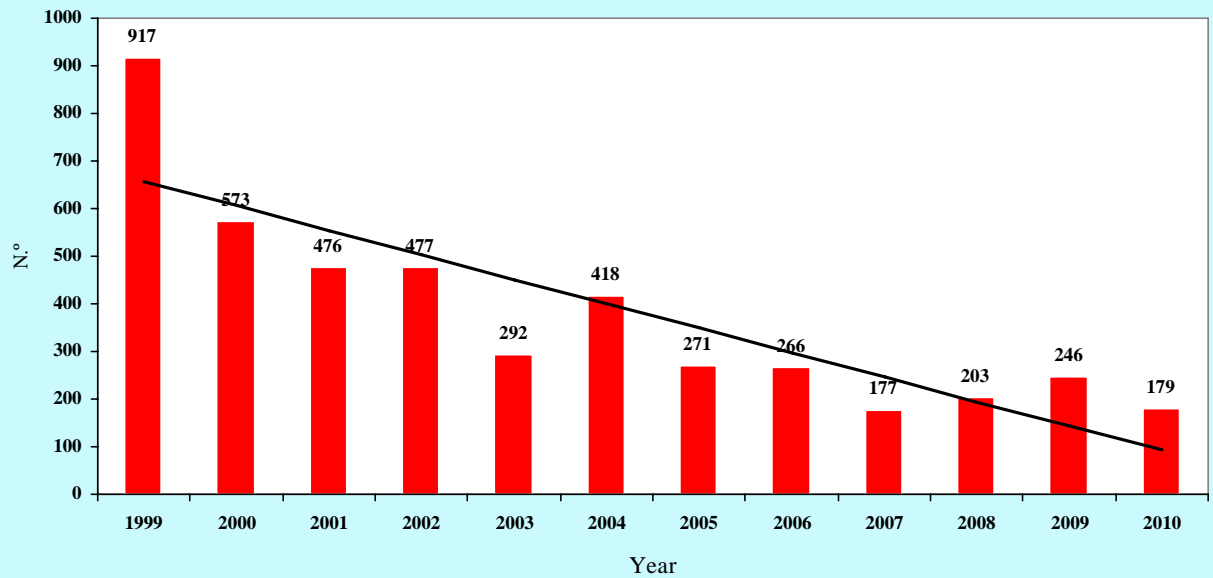
General measures of the national eradication programme

- **Serological control**
- **Vaccination**
- **Slaughter of animals:**
 - **RB+ or FC+ (depends on sanitary status and vaccination) :**
 - **RB+ → FC FC+ → SLAUGHTER**
 - **Infected herds: RB+ → SLAUGHTER**
 - **Stamping out under specific conditions**
 - **Epidemiological survey**
 - **Authorization from Veterinary Regional Services**
 - **Criteria:**
 - **Epidemiological evolution – no improvement in the last 12 months**
 - **Impossibility of implementing prophylactic measures**
 - **Brucella isolation**

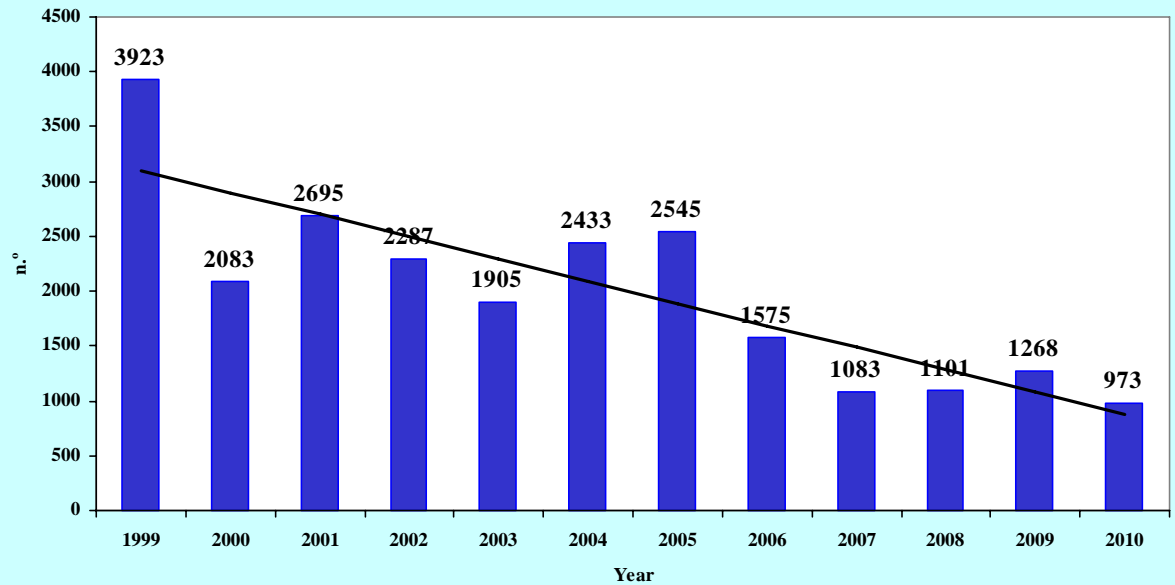
Entities involved in the execution of the eradication programme:

- ✓ **Coordination: Central Veterinary Services – DGV**
- ✓ **Supervision – Regional Veterinary Official Services (DSVR)**
- ✓ **Field implementation - Sanitary Defense Groups – OPP
Private veterinarians**

Bovine brucellosis
eradication programme
n.° positive herds
1999/2010



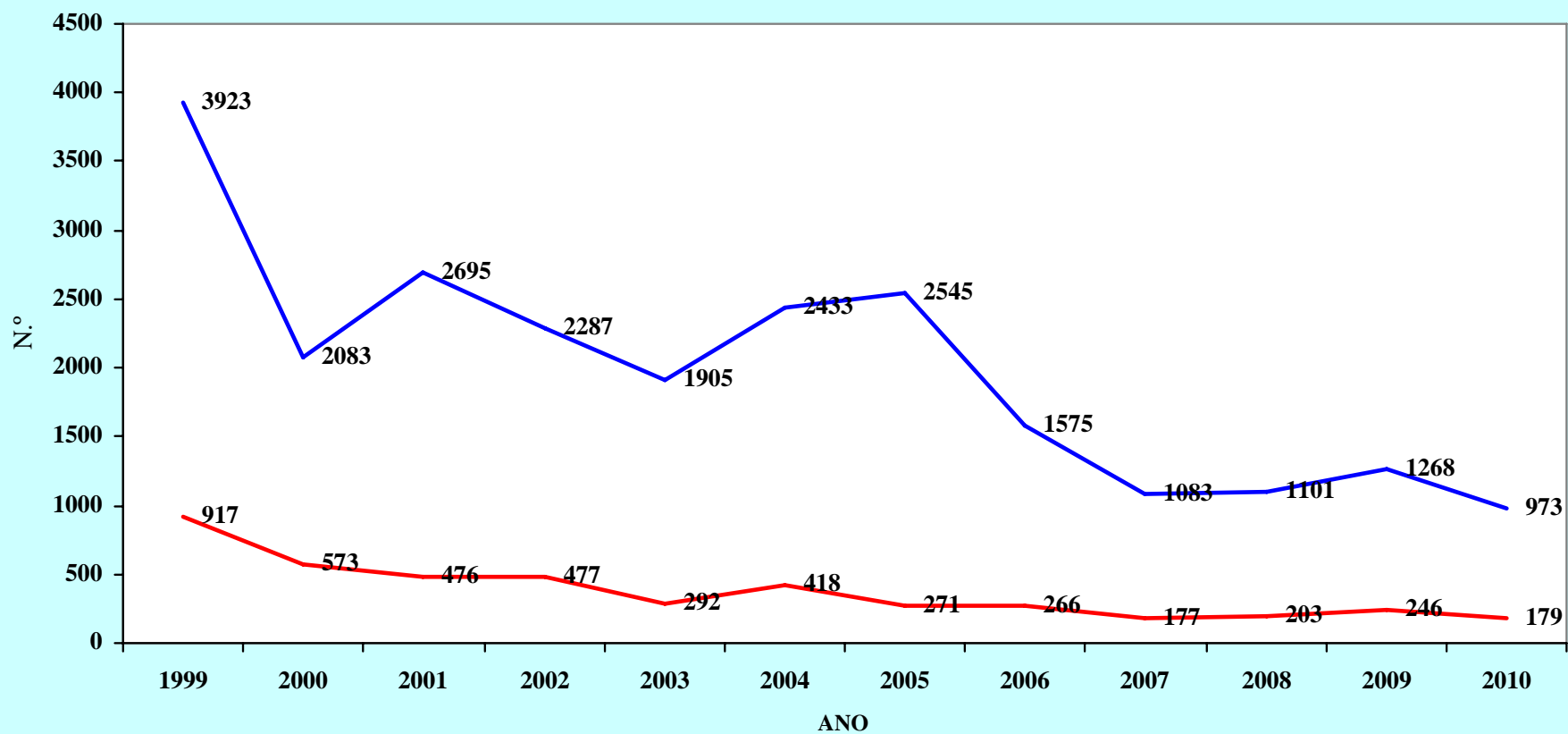
Bovine brucellosis
eradication programme
n.° positive animals
1999/2010



Bovine brucellosis eradication programme in Portugal

n.º positive herds / n.º positive animals

1999/2010

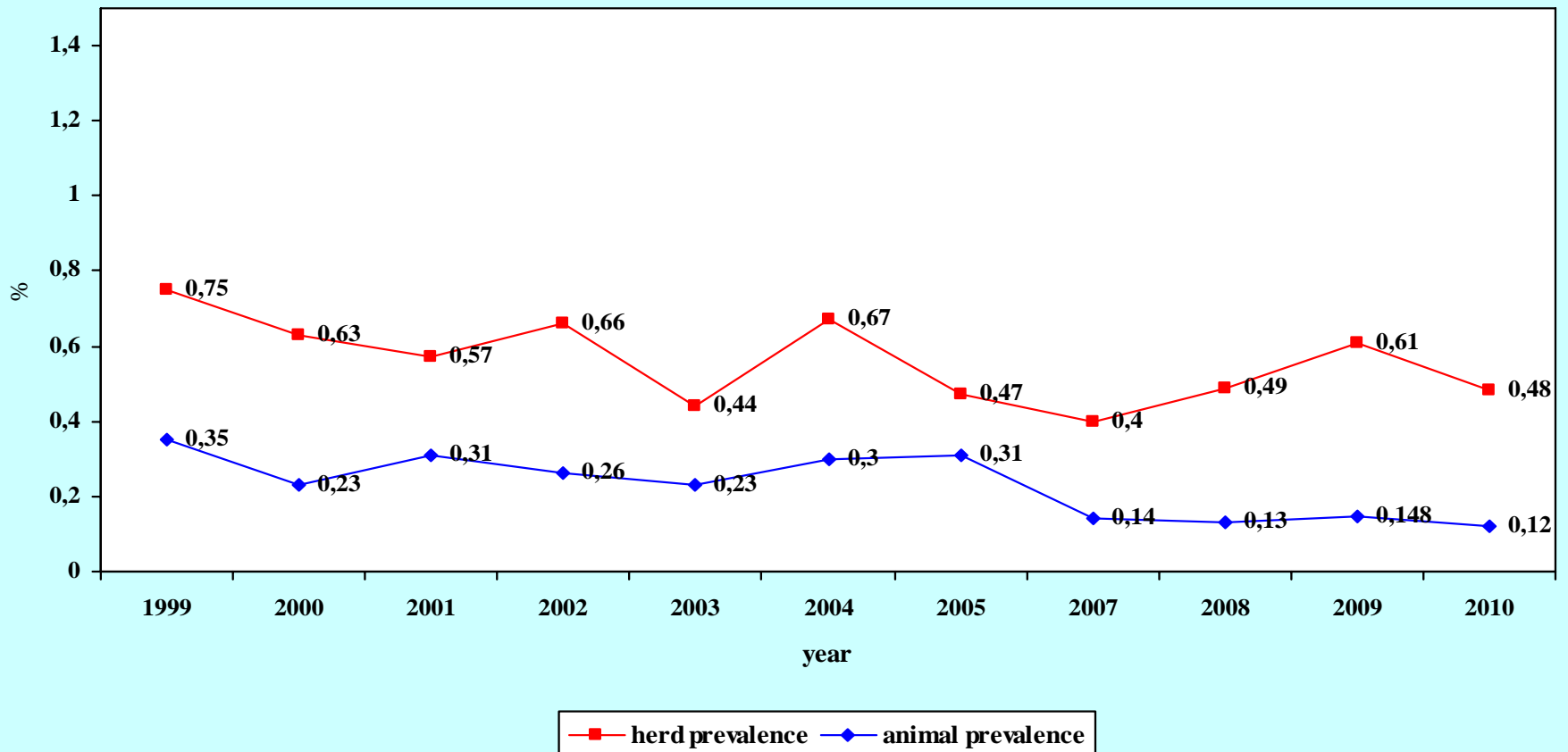


— n.º positive herds — n.º positive animals

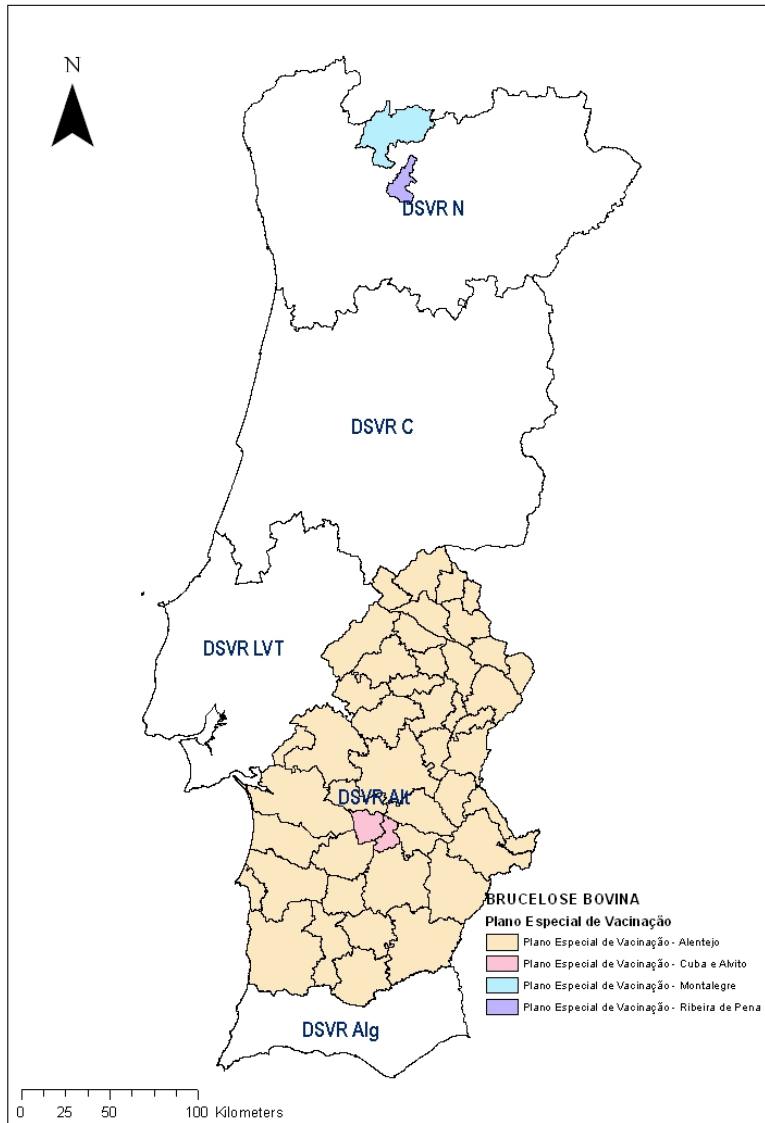
Bovine brucellosis eradication programme in Portugal

herd prevalence / animal prevalence

1999/2010



RB51 Special Vaccination Programmes



Mainland:

- ✓ Montalegre
- ✓ Ribeira de Pena
- ✓ Alentejo Region
- ✓ Cuba/Alvito

Autonomous Region of Azores:

- ✓ Terceira
- ✓ São Jorge
- ✓ São Miguel

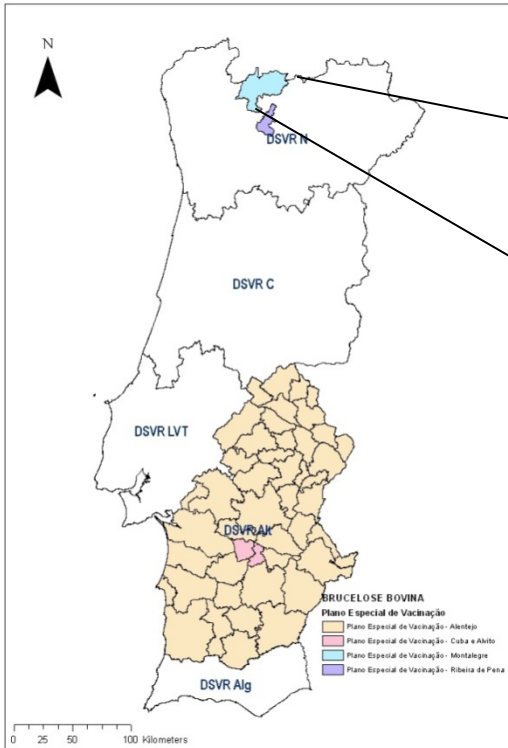
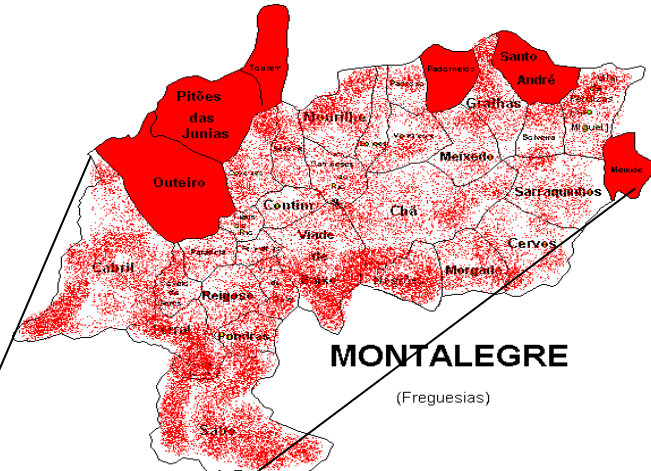


RB51 SPECIAL VACCINATION PROGRAMME

North Region (DSVRN) MUNICIPALITY OF MONTALEGRE

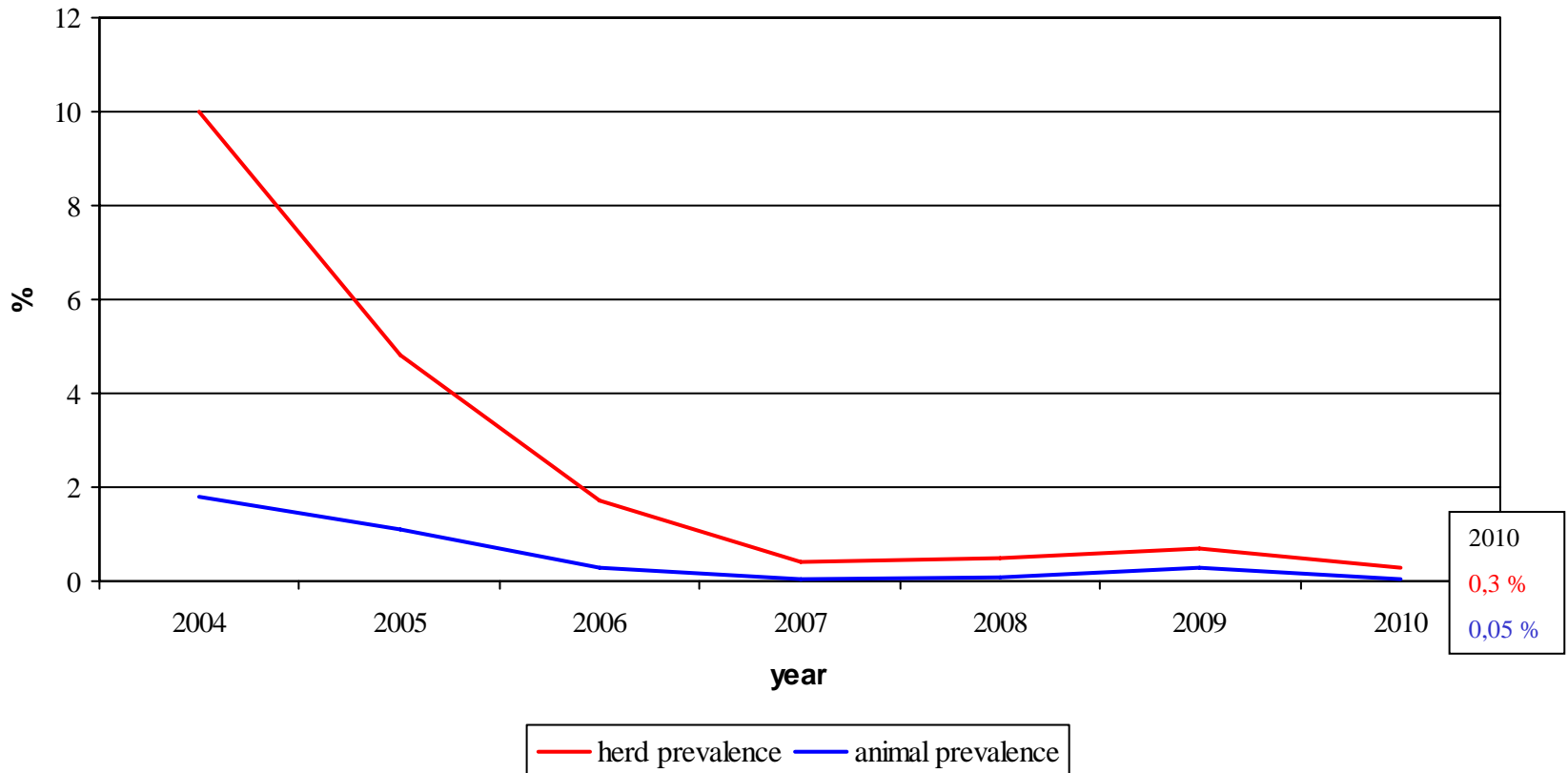
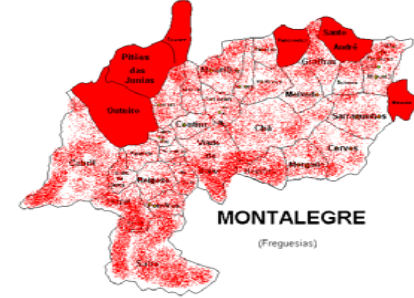
Specific Measures:
VACCINATION OF ALL ADULTS AND YOUNG FEMALES
(ONE EPIDEMIOLOGICAL UNIT)

2010: Vaccination data
369 herds / 970 animals



Rb51 Special Vaccination Programme North Region (DSVRN) 2004/2010

Herd prevalence/ Animal prevalence
Municipality of Montalegre



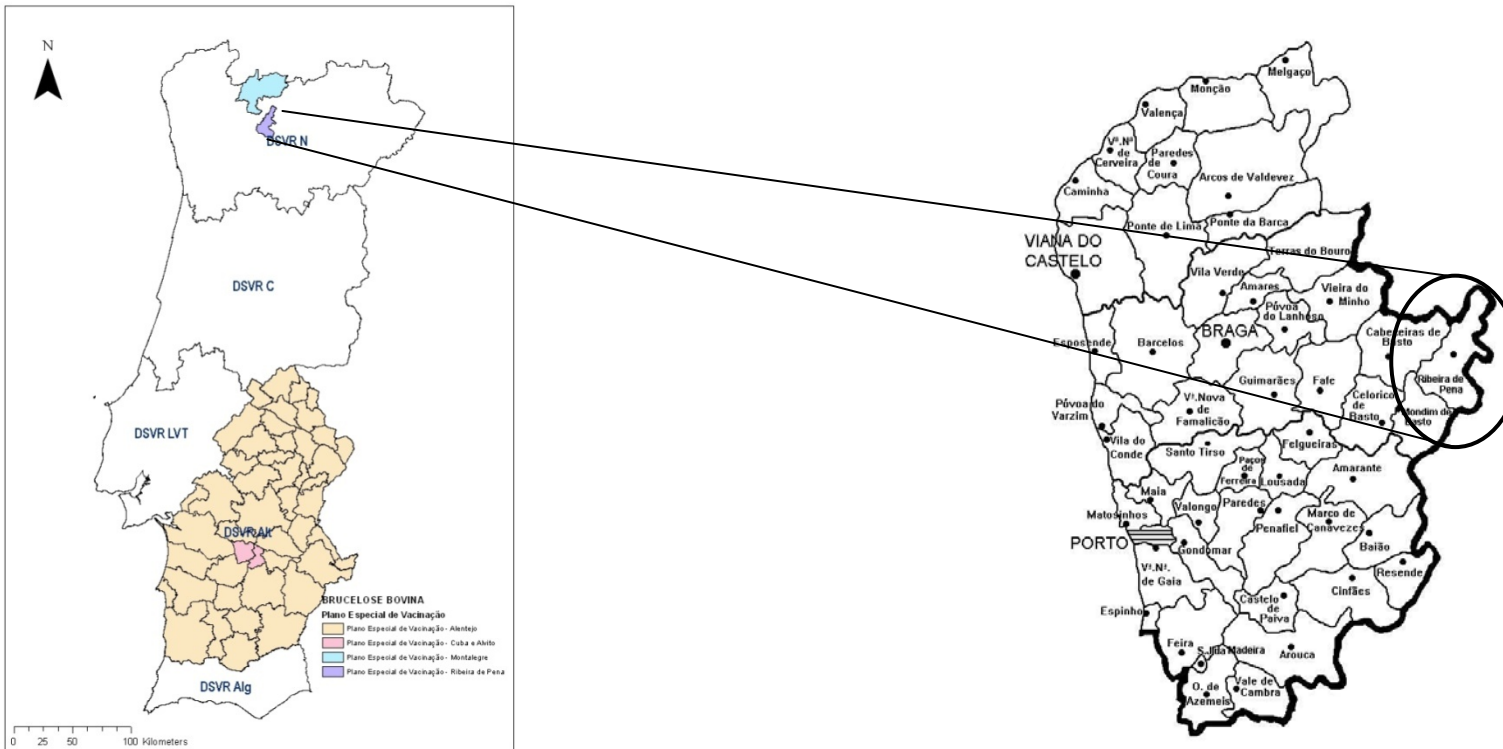
RB51 SPECIAL VACCINATION PROGRAMME

North Region (DSVRN) MUNICIPALITY OF RIBEIRA DE PENA

Specific Measures:

VACCINATION OF ALL ADULTS AND YOUNG FEMALES

2010: Vaccination data
205 herds / 676 animals

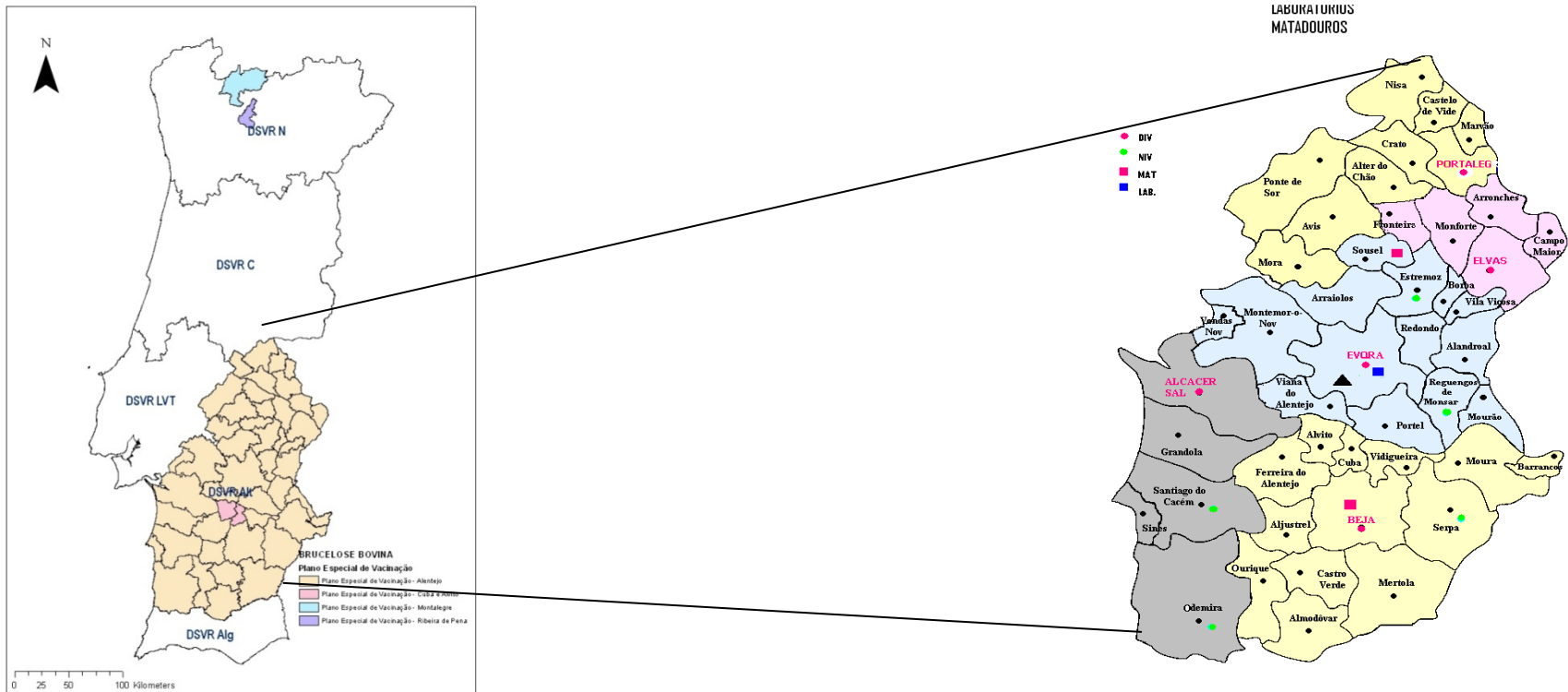


Special Vaccination Programme for Alentejo Region

VACCINATION PERIOD:

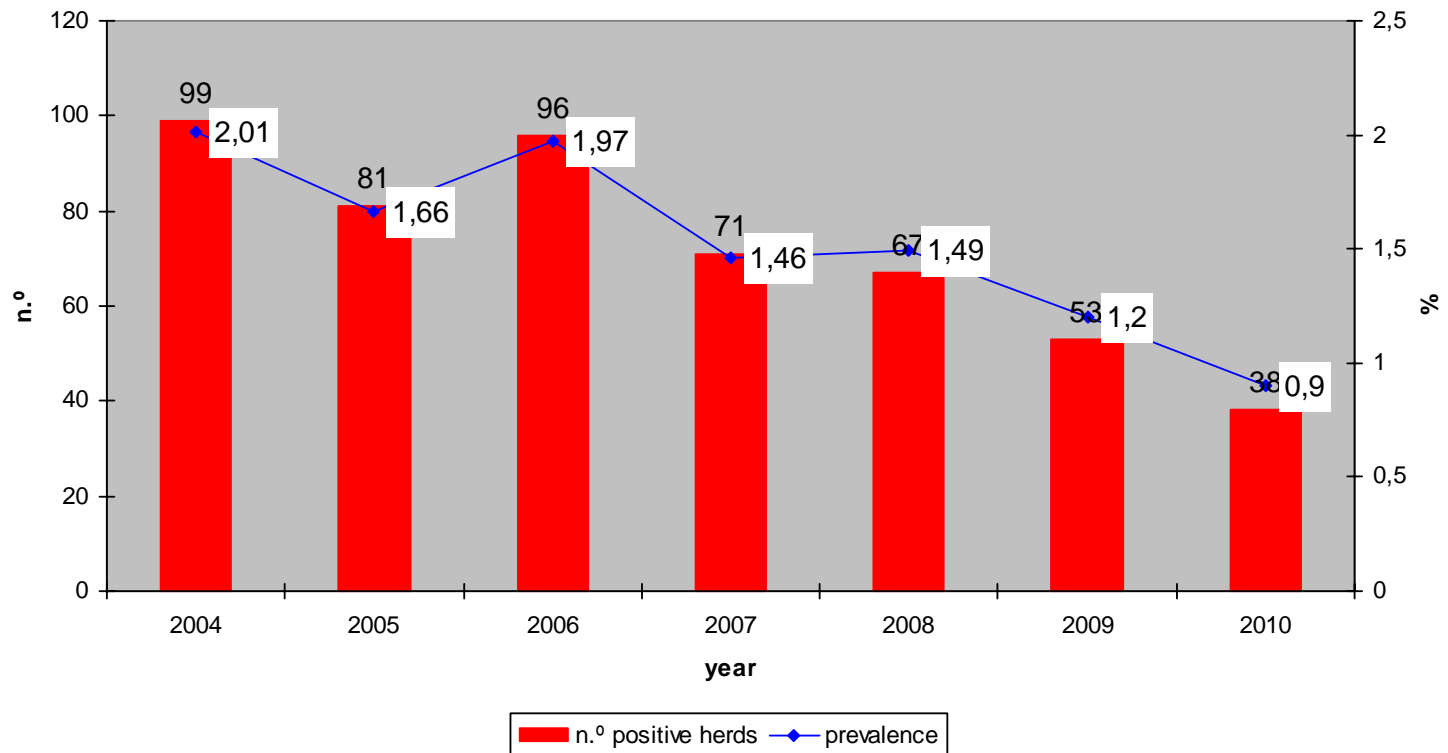
2008-2013: ADULTS AND YOUNG FEMALES
 AFTER 2013: YOUNG FEMALES

2010: Vaccination data
 31 herds / 1750 animals



Special Eradication Programme for Alentejo Region

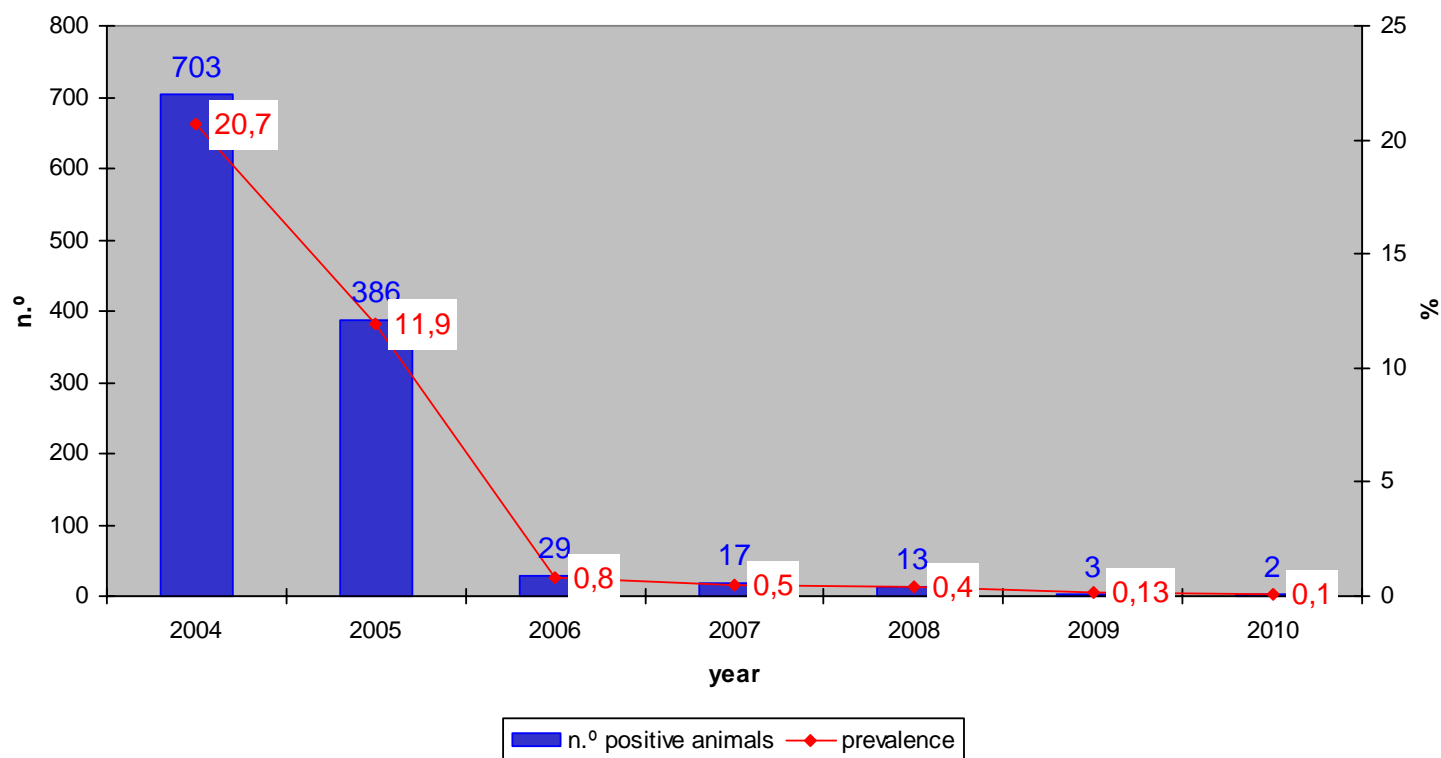
2004/2010

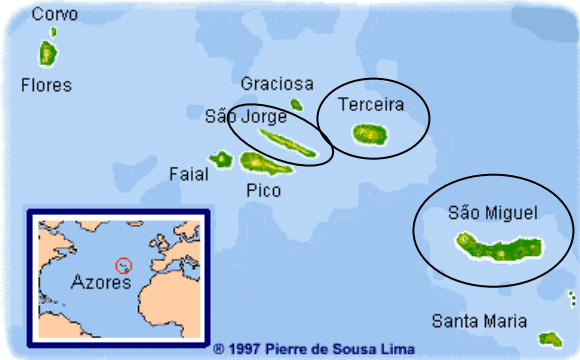


RB51 SPECIAL VACCINATION PROGRAMME

ALENTEJO Region - MUNICIPALITIES OF CUBA AND ALVITO (ONE EPIDEMIOLOGICAL UNIT)

2004/2010





RB51 SPECIAL VACCINATION PROGRAMME

AUTONOMOUS REGION OF AZORES

TERCEIRA, S. MIGUEL AND S. JORGE ISLANDS

> 4.º TRIM 2001

ILHA	Nº. ANIMAIS (%)	Nº. EXPLO. (%)
S. MARIA	5 288	355
S. MIGUEL	127 752 (47,3%)	4 900
TERCEIRA	67 478 (25,0%)	3 400
S. JORGE	20 036 (7,4%)	1 000
GRACIOSA	5 904	370
PICO	21 093	856
FAIAL	16 722	979
FLORES	5 255	418
CORVO	838	54
TOTAL	270 366	12 437

% animais
79,7%

% esplo.
75,6%

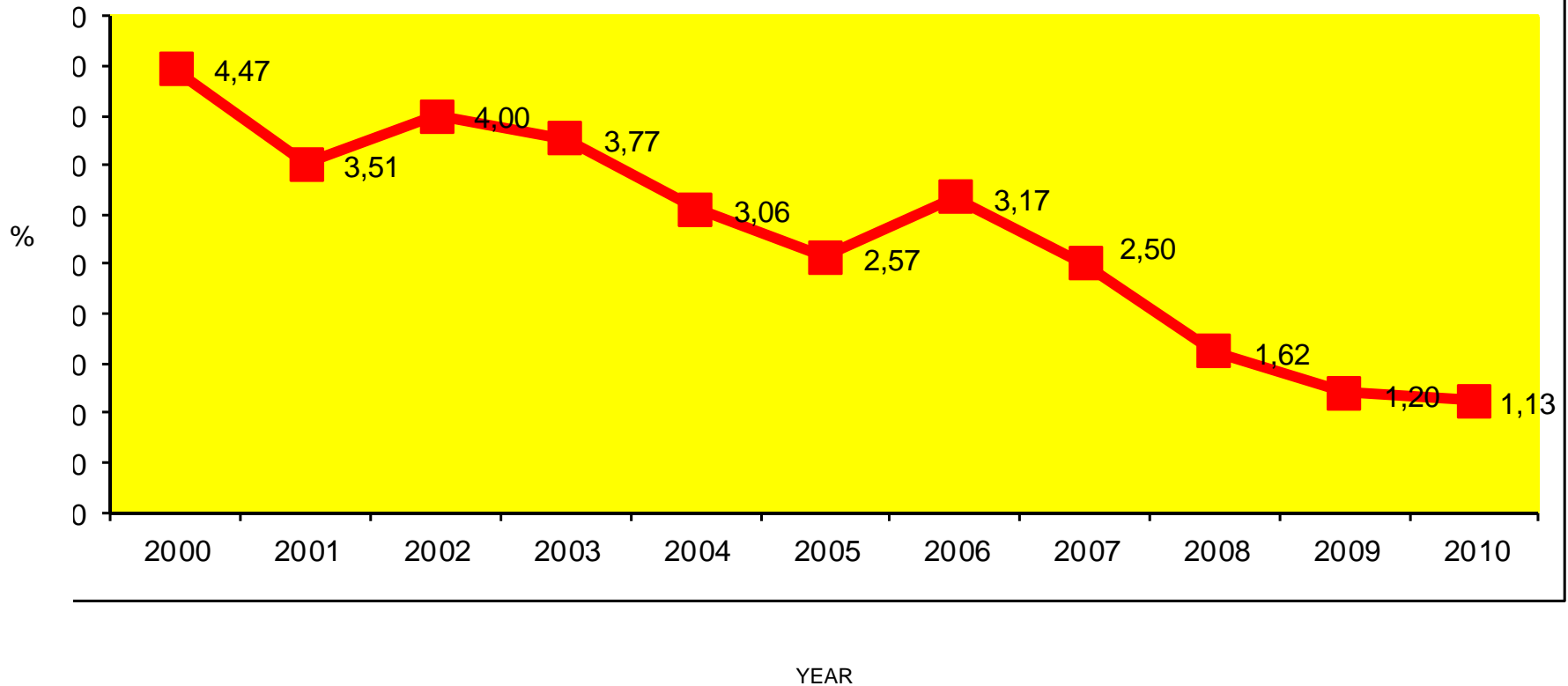
VACCINATION OF ALL
ADULTS AND YOUNG FEMALES
IN THREE ISLANDS
**(THREE
EPIDEMIOLOGICAL UNIT)**

Each farmer has, around
7 or 8 diferent pieces of land,
that corresponds to around 225
contact farms
(EPIDEMIOLOGICAL UNIT - ISLAND)

Bovine Brucellosis Eradication Programme In The AUTONOMOUS REGION OF AZORES

RB51 SPECIAL VACCINATION PROGRAMME 2000/2010

Herd prevalence



CONCLUSIONS

- **Proactive attitude (slaughter decision before bacteriological results)**
- **Epidemiological evaluation at regional level for in time decision**
- **Involvement of the stakeholders**
- **Reinforcement of stamping-out**
- **Prosecution with RB51 special vaccination programmes**
- **Two officially brucellosis free regions in the Autonomous Region of Azores**

Thank you