

**CYPRUS BRUCELLOSIS ERADICATION
PROGRAMME IN BOVINE AS WELL AS
OVINE AND CAPRINE (OC) ANIMALS
FOR 2009**

LEGISLATION

EU-Legislation

SHEEP AND GOATS

Dir. 91/68/EC

BOVINES

Dir. 64/432/EC

National Legislation

(transposing EU Legislation)

- Orders ΚΔΠ 725/2003, 56/2005
- Orders ΚΔΠ 724/2003, 160/2005

APPLIED PROGRAMMES

- ▶ Eradication programme in infected sheep and goat flocks and bovine herds.
- ▶ Monitoring and surveillance programme in non infected sheep and goat flocks as well as bovine herds aiming the declaration of holdings as brucellosis officially free.

- Vaccination has never been applied in Cyprus
- Treatment for brucellosis is prohibited by law

ERADICATION PROGRAMME

Measures applied in infected holdings

- Restriction of all farm movements.
- Milk from the infected farms is collected in separate milk tanks.
- Cleaning and disinfection of infected farms under the supervision of the Veterinary Services, which provides the disinfectant.
- Pasture is either buried or collected and disinfected.
- Serological examination of dogs or other species of animals susceptible to Brucellosis found in infected farms.

ERADICATION PROGRAMME

- Isolation and slaughter of seropositive animals.
- After the slaughter of positives, all sheep and goats over six months and all bovine over twelve months, are serologically reexamined
 - Individual screening (R.B.T.)
 - Positive samples C.F.T. confirmation
- Culling of seropositive animals
- Compensation 100% of the reproductive value
- Declaration of a holding as brucellosis non infected and withdrawal of restrictive measures after four consecutive negative tests in a period of six months
- In case of depopulation restocking at least after 6 months

TESTS PERFORMED IN 2009

▶ SHEEP AND GOATS

- ▶ Total sheep and goat flocks, under the programme: **3.267**
 - Positive flocks: **3**
 - New positive flocks: **3**

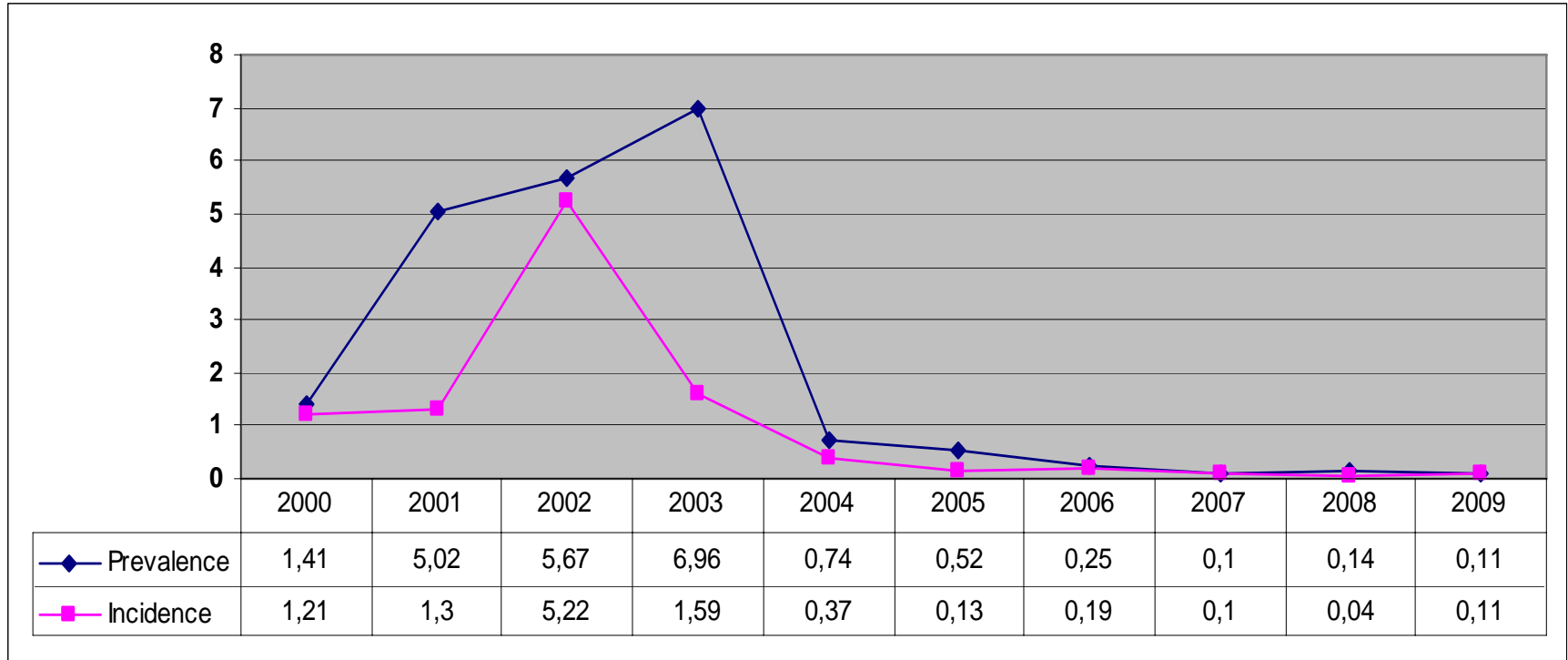
- ▶ Total animals tested: **199,692**
 - Positive animals: **3**
 - Animals slaughtered: **22**

BOVINES

- ▶ **Total bovine herds, under the programme : 322**
 - **Positive herds: 0**
 - **New positive herds: 0**

- ▶ **Total animals tested during 2008: 39,083**
 - **Positive animals: 0**
 - **Number of animals slaughtered: 1**

EPIDEMIOLOGICAL EVOLUTION SMALL RUMINANTS

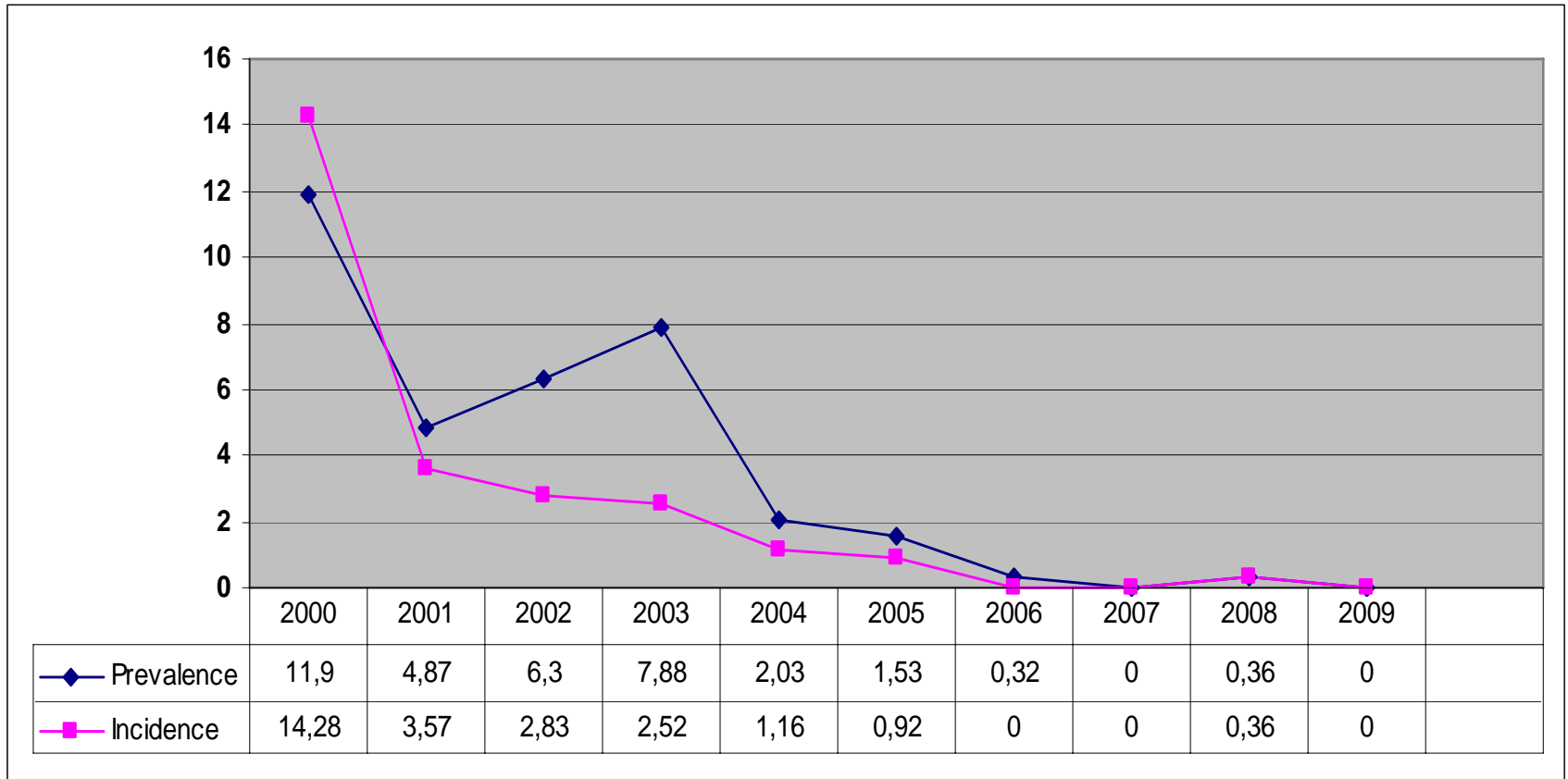


Evolution of prevalence and incidence of Ovine and Caprine Brucellosis in Cyprus

Prevalence: Number of positive flocks/Number of flocks checked

Incidence: Number of new positive flocks/Number of flocks checked

EPIDEMIOLOGICAL EVOLUTION BOVINES



Evolution of prevalence and incidence of Bovine Brucellosis in Cyprus

Prevalence: Number of positive herds/Number of herds checked

Incidence: Number of new positive herds/Number of herds checked

DATA ON INFECTION, OC

Region ^(b) CYPRUS	Number of herds infected ^(c)					Number of animals infected
Year	New outbreaks	Infected herds during the year	Declared free	Depopulated	Remaining At the end of the year	
1999	8	8	0	2	6	195
2000	36	42	0	5	37	895
2001	13	50	24	6	20	1153
2002	232	252	6	31	215	3006
2003	64	279	141	19	119	1385
2004	16	135	97	8	30	212
2005	4	34	19	1	14	269
2006	6	20	14	1	5	77
2007	3	8	5	0	3	3
2008	1	4	4	0	0	1
2009	3	3	0	0	3	3

DATA ON INFECTION, BOVINES

Region ^(b) CYPRUS	Number of herds infected(c)					Number of animals infected
YEAR	New outbreaks	Infected herds during the year	Declared free	Depopulated	Remaining at the end of the year	
2000	2	4	0	0	4	189
2001	11	15	3	1	11	233
2002	9	20	3	0	17	358
2003	8	25	14	1	10	164
2004	4	14	8	0	6	116
2005	3	9	3	0	6	114
2006	0	6	4	0	2	2
2007	0	2	2	0	0	0
2008	1	1	1	0	0	1
2009	0	0	0	0	0	0

STATUS OF OC HOLDINGS - 2009

Region ^(b)	Status of herds and animals under the programme ^(c)													
	Total number of herds and animals under the programme		Unknown ^(d)		Not free or not officially free from disease				Free or officially free from disease status suspended ^(g)		Free from disease ^(h)		Officially free from disease ⁽ⁱ⁾	
					Last check positive ^(e)		Last check negative ^(f)							
	Herds	Animals ⁽ⁱ⁾	Herds	Animals ⁽ⁱ⁾	Herds	Animals ⁽ⁱ⁾	Herds	Animals ⁽ⁱ⁾	Herds	Animals ⁽ⁱ⁾	Herds	Animals ⁽ⁱ⁾	Herds	Animals ⁽ⁱ⁾
ALL REGIONS	4,059	506,428	0	0	7	3,410	2,392	361,278	2,389	361,052	3	226	1,660	141,740

STATUS OF BOVINE HOLDINGS 2009

Region ^(b)	Status of herds and animals under the programme ^(c)													
	Total number of herds and animals under the programme		Unknown ^(d)		Not free or not officially free				Free or officially free suspended ^(g)		Free ^(h)		Officially free ⁽ⁱ⁾	
					Last check positive ^(e)		Last check negative ^(f)							
	Herds	Animals ^(j)	Herds	Animals ^(j)	Herds	Animals ^(j)	Herds	Animals ^(j)	Herds	Animals ^(j)	Herds	Animals ^(j)	Herds	Animals ^(j)
ALL REGIONS	322	39,083	0	0	0	0	31	5,788	0	0	-	-	291	33,295