



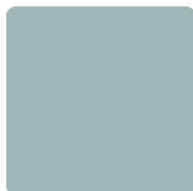
European Commission



Directorate-General for  
Health & Consumers

# 2010 Annual Report on notifiable diseases of bovine animals and swine

(within the framework of Article 8 of Council Directive 64/432/EEC)



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European Commission



# **2010 Annual Report**

## **on notifiable diseases of bovine animals and swine**

(within the framework of Article 8 of Council Directive 64/432/EEC)

Directorate G - Veterinary and International Affairs  
Unit G2 - Animal Health

October 2011

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## CHAPTER 1 INTRODUCTION

Directive 64/432/EEC of 26 June 1964 on animal health problems affecting intra-Community trade in bovine animals and swine<sup>1</sup> provides that a Member State or part of a Member State may be declared officially tuberculosis-free, officially brucellosis-free and officially enzootic-bovine-leukosis-free as regards bovine herds, subject to compliance with certain conditions set out in that Directive.

The lists of regions of Member States declared officially free of bovine tuberculosis, bovine brucellosis and enzootic-bovine-leukosis are set out in Commission Decision 2003/467/EC of 23 June 2003 establishing the official tuberculosis, brucellosis and enzootic-bovine-leukosis-free status of certain Member States and regions of Member States as regards bovine herds<sup>2</sup>.

Article 9 of Directive 64/432/EEC provides that a Member State, which has a compulsory national control programme for one of the contagious diseases listed in Annex E(II) to that Directive, may submit its programme to the Commission for approval. That Article also provides for the definition of the additional guarantees which may be required for trade within the Union.

In addition, Article 10 of Directive 64/432/EEC provides that where a Member State considers that its territory or part thereof is free from one of the diseases listed in Annex E(II) to that Directive, it is to present appropriate supporting documentation to the Commission. That Article also provides for the definition of the additional guarantees which may be required for trade within the Union.

Commission Decision 2004/558/EC of 15 July 2004 implementing Council Directive 64/432/EEC as regards additional guarantees for intra-Community trade in bovine animals relating to infectious bovine rhinotracheitis and the approval of the eradication programmes presented by certain Member States<sup>3</sup> approves the programmes for the control and eradication of the infection with the bovine herpesvirus type 1 ('BHV1') presented by the Member States listed in Annex I to that Decision for the regions listed in that Annex, and for which additional guarantees for BHV1 apply in accordance with Article 9 of Directive 64/432/EEC. In addition, Annex II to Decision 2004/558/EC lists the regions of the Member States that are considered free of BHV1 infection and for which additional guarantees apply in accordance with Article 10 of Directive 64/432/EEC.

Commission Decision 2008/185/EC of 21 February 2008 on additional guarantees in intra-Community trade of pigs relating to Aujeszky's disease and criteria to provide information on this disease<sup>4</sup> contains a list of Member States or regions thereof free of Aujeszky's disease and where vaccination is prohibited in Annex I thereto. Annex II to Decision 2008/185/EC contains a list of Member States or regions thereof where disease control programme for that disease are in place.

The information in Chapter 2 of this Report provides an overview of the status of EU Member States, Norway and Switzerland and regions thereof recognised as officially free from the abovementioned animal diseases at **14/10/2011**.

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<sup>1</sup> OJ 121, 29.7.1964, p. 1977/64.

<sup>2</sup> OJ L 156, 25.6.2003, p. 74.

<sup>3</sup> OJ L 249, 23.7.2004, p. 20.

<sup>4</sup> OJ L 59, 4.3.2008, p. 19.

In accordance with Article 8 of Directive 64/432/EEC, Member States are requested to forward to the Commission, by 31<sup>st</sup> May each year, details of the occurrence of diseases listed in Annex E(I) to the Directive and of any other diseases covered by the additional guarantees provided for by Union legislation in its territory referred to the year 2010.

On the basis of this Article, Commission Decision 2003/886/EC of 10 December 2003<sup>5</sup> laid down the format on which this information must be based. Member States should provide the whole required report. However, those Member States which had an approved co-financed programme for a disease (in the reporting period) or those not free of BHV1 infection or without approved programme for the control and eradication of the infection with BHV1 in place do not have to include information on those diseases and on BHV1 infection.

The information in Chapter 3 of this Report presents a summary of the details of the occurrence of diseases listed in Annex E(I) to Directive 64/432/EEC and of any other diseases covered by the additional guarantees provided for by Union legislation and of monitoring or eradication programme (not covered by Decision 2008/940/EC<sup>6</sup>) provided by the Member States for the year 2010.

In addition, within the framework of the Agreement on the European Economic Area<sup>7</sup> and the Agreement between the European Community and the Swiss Confederation on trade in Agricultural Products<sup>8</sup> also Norway and Switzerland provide the abovementioned details which are incorporated in this Report.

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<sup>5</sup> OJ L 332, 19.12.2003, p. 53.

<sup>6</sup> OJ L 335, 13.12.2008, p. 61.

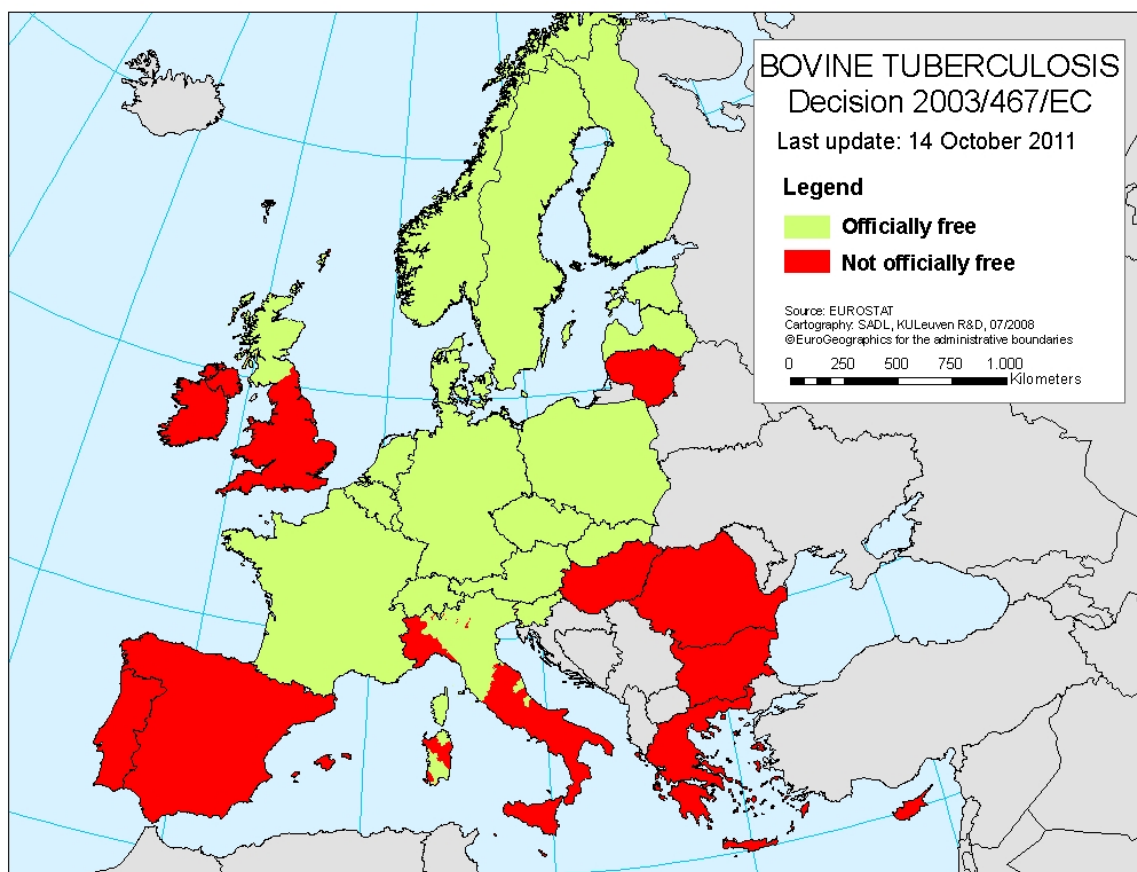
<sup>7</sup> OJ L 1, 3.1.1994, p. 3.

<sup>8</sup> OJ L 114, 30.4.2002, p. 132.

## CHAPTER 2

### Status of EU Member States, Norway and Switzerland and regions thereof in relation to certain animal diseases

#### 2.1 BOVINE TUBERCULOSIS



#### Legal basis

Commission Decision 2003/467/EC as last amended by Commission Decisions 2011/277/EU and 2011/675/EU.

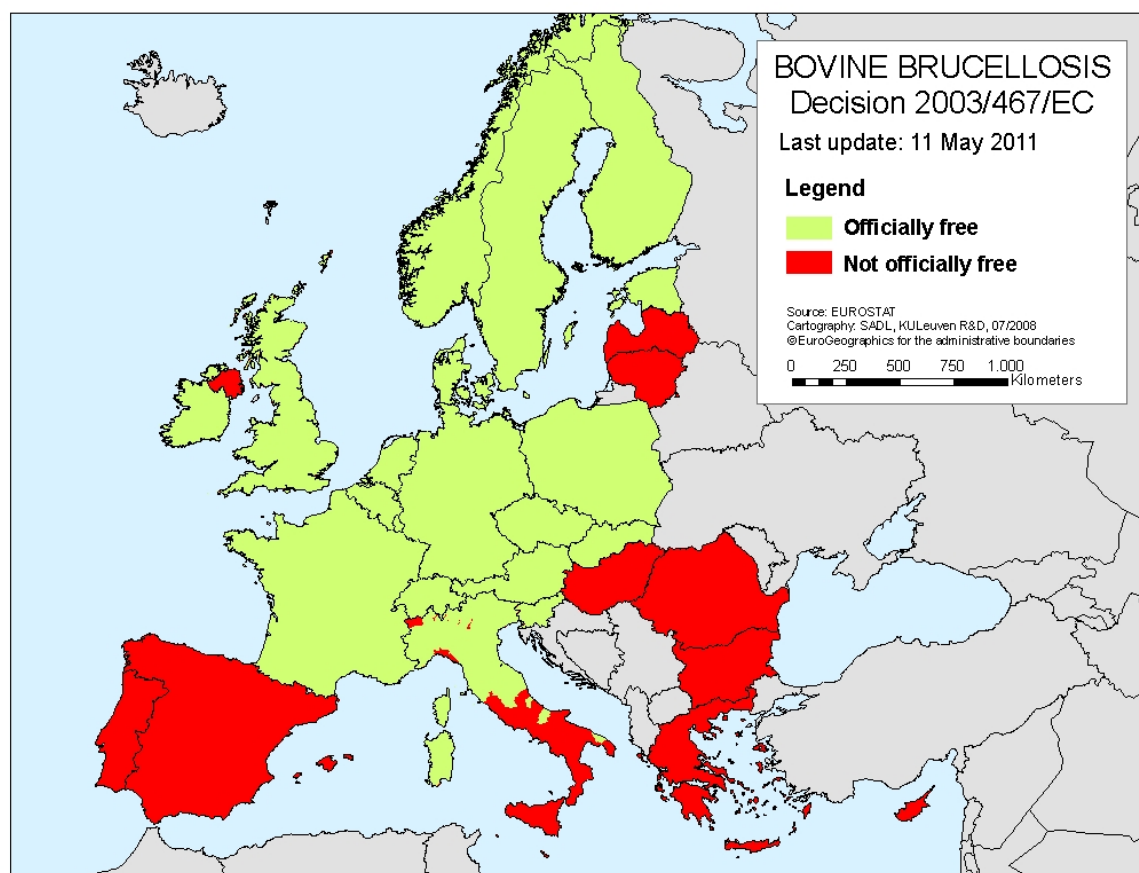
EFTA Surveillance Authority Decision 67/94/COL replaced by 28/07/COL (Norway) and Appendix 2(I)(B)(4) of Annex 11 to the Agreement between the EU and the Swiss Confederation on trade in Agricultural Products (Switzerland).

Countries officially free	
Austria	Luxembourg
Belgium	Netherlands
Czech Republic	Norway
Denmark	Poland
Estonia	Slovakia
Finland	Slovenia
France	Sweden
Germany	Switzerland
Latvia	

Regions officially free	
Italy	Abruzzo region: province of Pescara
	Province of Bolzano
	Emilia-Romagna region
	Friuli Venezia Giulia region
	Lazio region: province of Viterbo
	Lombardia region
	Marche region: province of Ascoli Piceno
	Piemonte region: provinces of Novara, Verbania, Verceli
	Sardegna region: province of Cagliari, Medio-Campidano, Ogliastra, Olbia-Tempio, Oristano
	Toscana region
	Province of Trento
	Veneto region
United Kingdom	Scotland



## 2.2 BOVINE BRUCELLOSIS



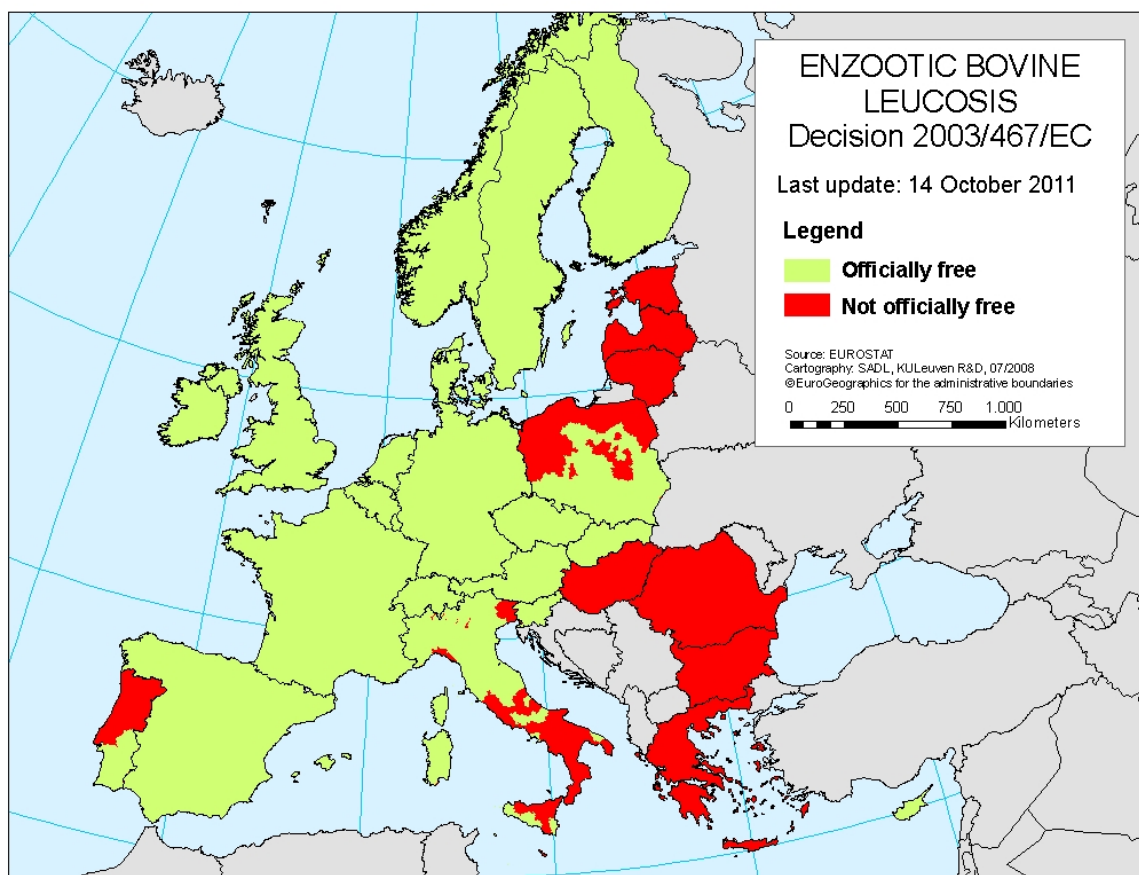
### Legal basis

Commission Decision 2003/467/EC as last amended by Commission Decision 2011/277/EU. EFTA Surveillance Authority Decision 66/94/COL replaced by 28/07/COL (Norway) and Appendix 2(I)(B)(3) of Annex 11 to the Agreement between the EU and the Swiss Confederation on trade in Agricultural Products (Switzerland).

Countries officially free	
Austria	Luxembourg
Belgium	Netherlands
Czech Republic	Norway
Denmark	Poland
Estonia	Slovakia
Finland	Slovenia
France	Sweden
Germany	Switzerland
Ireland	

Regions officially free	
Italy	Abruzzo region: province of Pescara
	Province of Bolzano
	Emilia-Romagna region
	Friuli Venezia Giulia region
	Lazio region: provinces of Latina, Rieti, Viterbo
	Liguria region: provinces of Imperia, Savona
	Lombardia region
	Marche region
	Molise region: province of Campobasso
	Piemonte region
	Puglia region: province of Brindisi
	Sardegna region
	Toscana region
	Province of Trento
	Umbria region
Veneto region	
Portugal	Autonomous Region of Azores: Islands of Corvo, Faial, Flores, Graciosa, Pico, Santa Maria
Spain	Autonomous Region of the Canary Islands: provinces: Santa Cruz de Tenerife, Las Palmas
United Kingdom	Great Britain (England, Scotland, Wales); Isle of Man

## 2.3 ENZOOTIC BOVINE LEUKOSIS



### Legal basis

Commission Decision 2003/467/EC as last amended by Commission Decisions 2011/277/EU and 2011/675/EU.

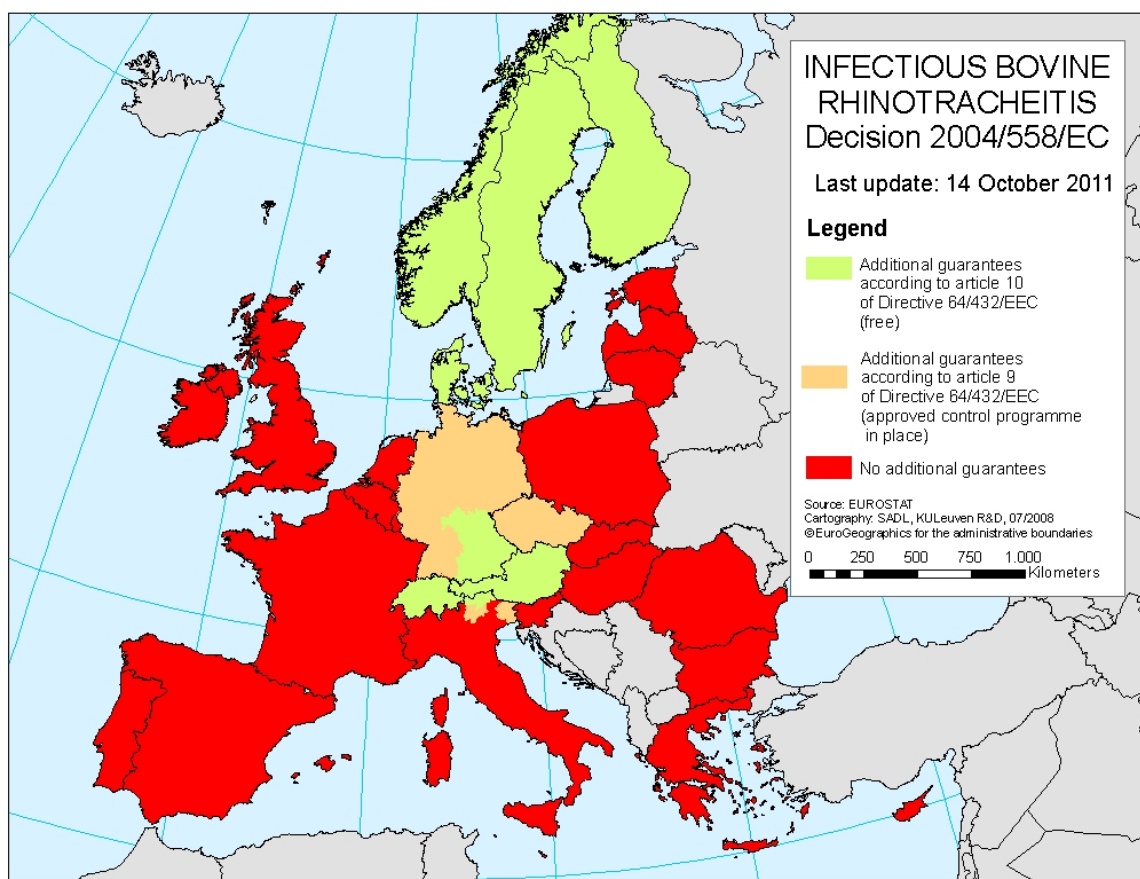
EFTA Surveillance Authority Decision 28/07/COL (Norway) and Appendix 2(I)(B)(5) of Annex 11 to the Agreement between the EU and the Swiss Confederation on trade in Agricultural Products (Switzerland).

Countries officially free	
Austria	Ireland
Belgium	Luxembourg
Cyprus	Netherlands
Czech Republic	Norway
Denmark	Slovakia
Germany	Slovenia
Spain	Sweden
Finland	Switzerland
France	United Kingdom

Regions officially free	
Italy	Abruzzo region: province of Pescara
	Province of Bolzano
	Campania region: province of Napoli
	Emilia-Romagna region
	Friuli Venezia Giulia region
	Lazio region: provinces of Frosinone, Rieti, Viterbo
	Liguria region: province of Imperia, Savona
	Lombardia region
	Marche region
	Molise region
	Piemonte region
	Puglia region: province of Brindisi
	Sardegna region
	Sicilia region: provinces of Agrigento, Caltanissetta, Siracusa, Trapani
	Toscana region
	Province of Trento
	Umbria region
Val d'Aosta region	
Veneto region	
Poland	<p>Voivodship dolnośląskie</p> <p>Powiaty: bolesławiecki, dzierzoniowski, glogowski, górowski, jaworski, jeleniogórski, Jelenia góra, kamiennogórski, kłodzki, legnicki, Legnica, lubański, lubiński, lwówecki, milicki, oleśnicki, oławski, polkowicki, strzeliński, średzki, świdnicki, trzebnicki, wałbrzyski, Wałbrzych, wołowski, wrocławski, Wrocław, ząbkowicki, zgorzelecki, zlotoryjski</p>
	<p>Voivodship lubelskie</p> <p>Powiaty: bialski, Biała podlaska, bilgorajski, chełmski, Chełm, hrubieszowski, janowski, krasnostawski, kraśnicki, lubartowski, lubelski, lublin, łęczyński, lukowski, opolski, parczewski, puławski, radzyński, rycki, świdnicki, tomaszowski, włodawski, zamojski, Zamość.</p>
	<p>Voivodship kujawsko-pomorskie</p> <p>Powiaty: aleksandrowski, brodnicki, chełmiński, golubsko-dobrzyński, grudziądzki, lipnowski, Grudziądz, radziejowski, rypiński, toruński, Toruń, wąbrzeski, Włocławek, włocławski.</p>
	<p>Voivodship łódzkie</p> <p>Powiaty: belchatowski, brzeziński, kutnowski, łaski, łęczycki, łowicki, łódzki, Łódź, opoczyński, pabianicki, pajęczański, piotrkowski, Piotrków trybunalski, poddębicki, radomszczański, rawski, sieradzki, skierniewicki, Skierniewice, tomaszowski, wieluński, wieruszowski, zduńskowolski, zgierski.</p>
	<p>Voivodship małopolskie</p> <p>Powiaty: brzeski, bocheński, chrzanowski, dąbrowski, gorlicki, krakowski, Kraków, limanowski, miechowski, myślenicki, nowosądecki, nowotarski, Nowy sącz, oświęcimski, olkuski, proszowicki, suski, tarnowski, Tarnów, tatrzański, wadowicki, wielicki.</p>
	<p>Voivodship mazowieckie</p> <p>Powiaty: białobrzeski, garwoliński, grójecki, gostyniński, grodziski, kozienicki, legionowski, lipski, losicki, makowski, miński, nowodworski, ostrowski, otwocki, piaseczyński, Płock, plocki, płoński, przysuski, przysuski, Radom, radomski, Siedlce, siedlecki, sierpecki, sochaczewski, sokołowski, sztywniowski, Warszawa, warszawski zachodni, węgrowski,</p>

Regions officially free	
	wołomiński, wyszkowski, zwoleński, żyrardowski.
	Voivodship podkarpackie Powiaty: bieszczadzki, brzozowski, dębicki, jarosławski, jasielski, kolbuszowski, krośnieński, krosno, leski, leżajski, lubaczowski, łańcucki, mielecki, niżański, przemyski, przemysł, przeworski, ropczycko-sędziszowski, rzeszowski, Rzeszów, sanocki, stalowowolski, strzyżowski, Tarnobrzeg, tarnobrzeki.
	Voivodship podlaskie Powiaty: augustowski, białostocki, Białystok, bielski, grajewski, hajnowski, moniecki, sejneński, siemiatycki, sokólski, suwalski, Suwalki, wysokomazowiecki, zambrowski.
	Voivodship pomorskie Powiaty: lęborski, gdański, Gdańsk, Gdynia, Sopot, wejherowski.
	Voivodship śląskie Powiaty: będziński, bielski, bielsko-biała, bieruńsko-lędziński, bytom, Chorzów, cieszyński, częstochowski, Częstochowa, dąbrowa górnicza, gliwicki, Gliwice, jastrzębie zdroj, Jaworzno, Katowice, kłobucki, lubliniecki, mikolowski, Mysłowice, myszkowski, Piekary śląskie, pszczyński, raciborski, ruda śląska, rybnicki, Rybnik, Siemianowice śląskie, sosnowiec, Świętochłowice, tarnogórski, tychy, wodzisławski, Zabrze, zawierciański, Żory, żywiecki.
	Voivodship świętokrzyskie Powiaty: buski, jędrzejowski, kazimierski, kielecki, Kielce, konecki, opatowski, ostrowiecki, pińczowski, sandomierski, skarżyski, starachowicki, staszowski, włoszczowski.
	Voivodship warmińsko-mazurskie Powiaty: elcki, giżycki, goldapski, olecki.
	Voivodship wielkopolskie Powiaty: jarociński, kaliski, Kalisz, kępiński, kolski, koniński, Konin, krotoszyński, ostrzeszowski, słupecki, turecki, wrzesiński.
Portugal	Região Algarve: all distritos; Região Alentejo: all distritos; Região Autónoma dos Açores.
United Kingdom	Isle of Man

## 2.4 INFECTIOUS BOVINE RHINOTRACHEITIS



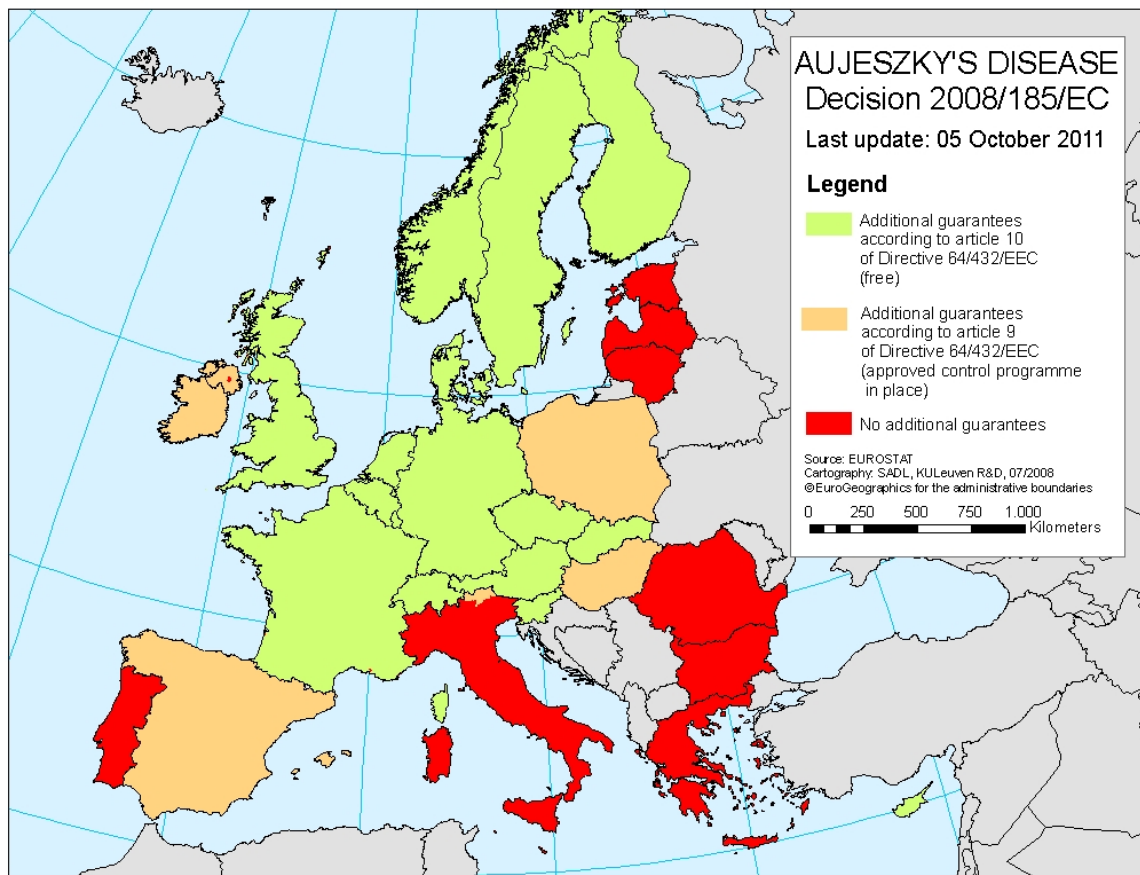
### Legal basis

Commission Decision 2004/558/EC as last amended by Commission Decisions 2010/433/EU and 2011/674/EU.

EFTA Surveillance Authority Decision 74/94/COL replaced by 159/10/COL (Norway) and Appendix 2(I)(B)(6) of Annex 11 to the Agreement between the EU and the Swiss Confederation on trade in Agricultural Products (Switzerland).

<b>Countries free (additional guarantees according to Article 10 of Directive 64/432/EEC)</b>	
Austria	Norway
Denmark	Sweden
Finland	Switzerland
<b>Regions free (additional guarantees according to Article 10 of Directive 64/432/EEC)</b>	
Germany	All regierungsbezirken in the federal state of Bavaria
Italy	Province of Bolzano
<b>Countries with approved eradication programme (additional guarantees according to Article 9 of Directive 64/432/EEC)</b>	
Czech Republic	
<b>Regions with approved eradication programme (additional guarantees according to Article 9 of Directive 64/432/EEC)</b>	
Germany	All regions, except all regierungsbezirken in the federal state of Bavaria
Italy	The Autonomous Region of Friuli Venezia Giulia; The Autonomous Province of Trento

## 2.5 AUJESZKY'S DISEASE



### Legal basis

Commission Decision 2008/185/EC as last amended by Commission Decisions 2010/271/EU, 2010/434/EU and 2011/648/EU.

EFTA Surveillance Authority Decision 226/96/COL replaced by 160/10/COL (Norway) and Appendix 2(I)(B)(7) of Annex 11 to the Agreement between the EU and the Swiss Confederation on trade in Agricultural Products (Switzerland).

<b>Countries free (additional guarantees according to Article 10 of Directive 64/432/EEC)</b>	
Austria	Luxembourg
Belgium	Netherlands
Cyprus	Norway
Czech Republic	Slovenia
Denmark	Slovakia
Finland	Sweden
Germany	Switzerland

<b>Regions free (additional guarantees according to Article 10 of Directive 64/432/EEC)</b>	
France	The departments of Ain, Aisne, Allier, Alpes-de-Haute-Provence, Alpes-Maritimes, Ardèche, Ardennes, Ariège, Aube, Aude, Aveyron, Bas-Rhin, Bouches-du-Rhône, Calvados, Cantal, Charente, Charente-Maritime, Cher, Corrèze, Côte-d'Or, Côtes-d'Armor, Creuse, Deux-Sèvres, Dordogne, Doubs, Drôme, Essonne, Eure, Eure-et-Loir, Finistère, Gard, Gers, Gironde, Hautes-Alpes, Hauts-de-Seine, Haute Garonne, Haute-Loire, Haute-Marne, Hautes-Pyrénées, Haut-Rhin, Haute-Saône, Haute-Savoie, Haute-Vienne, Hérault, Indre, Ille-et-Vilaine, Indre-et-Loire, Isère, Jura, Landes*, Loire, Loire-Atlantique, Loir-et-Cher, Loiret, Lot, Lot-et-Garonne, Lozère, Maine-et-Loire, Manche, Marne, Mayenne, Meurthe-et-Moselle, Meuse, Morbihan, Moselle, Nièvre, Nord, Oise, Orne, Paris, Pas-de-Calais, Pyrénées-Atlantiques*, Pyrénées-Orientales, Puy-de-Dôme, Réunion, Rhône, Sarthe, Saône-et-Loire, Savoie, Seine-et-Marne, Seine-Maritime, Seine-Saint-Denis, Somme, Tarn, Tarn-et-Garonne, Territoire de Belfort, Val-de-Marne, Val-d'Oise, Var, Vaucluse, Vendée, Vienne, Vosges, Yonne, Yvelines
United Kingdom	All regions in England, Scotland and Wales
<b>Countries with approved eradication programme (additional guarantees according to Article 9 of Directive 64/432/EEC)</b>	
Belgium	
Spain	
Hungary	
Ireland	
Poland	
<b>Regions with approved eradication programme (additional guarantees according to Article 9 of Directive 64/432/EEC)</b>	
Italy	Province of Bolzano
United Kingdom	Northern Ireland

\* The free status of the départements of:  
Landes suspended on 28/09/2010 – re-established on 22/11/2010;  
Pyrénées Atlantiques suspended on 3/09/2010 – re-established on 02/12/2010.



### **CHAPTER 3**

**Details of the occurrence of diseases listed in Annex E (I) to Directive 64/432/EEC and of any other diseases covered by the additional guarantees provided for by Union legislation and of monitoring or eradication programme (not covered by Decision 2008/940/EC) in the territory of the EU Member States, Norway and Switzerland**

### 3.1 BOVINE TUBERCULOSIS

MS or region ( <sup>1</sup> )	Total number of existing bovine		Officially free herds		Infected herds		Routine tuberculin testing		Number of tuberculin tests carried out before the introduction into the herds [Annex A(I)(2)(c) 3 <sup>o</sup> indent(1) of Directive 64/432/EEC]	Number of animals with suspicious lesions of tuberculosis examined and submitted to histopathological and bacteriological examinations	Number of animals detected positive in bacteriological examination
	Herds	Animals	Number of herds	%	Number of herds	%	Interval between routine tuberculin tests ( <sup>2</sup> )	Number of animals tested			
AT	71,563	2,013,281	71,555	99.99	8	0.01	a) & g)	7,633	15	40	8*
BE	35,217	2,721,130	35,217	100	0	0	g)*	197,978	395,000	216	0
BG	121,175	540,267	121,175	100	0	0	b)	505,702	592	29	0
CH	41,903	1,597,484	41,903	100	0	0	a)	0	0	3	0
CY	361	56,180	213	59	0	0	b) & c)*	45,623	0	3	results pending
CZ	18,394	1,376,311	18,394	100	0	0	g)*	5,162	5,162	2	0
DE	183,977	12,761,126	183,966	99.998	11*	0.006	a) – 9 Ländern a) & b) – 1 Ländern b) – 2 Ländern g) – 4 Ländern	4,062	136	86	24
DK	20,829	1,631,863	20,829	100	0	0	g)*	app. 1,550*	0	0	0
EE	5,116	234,990	5,116	100	0	0	c)	120,041	2,604	0	0
ES*											
FI*	15,571	930,738	15,571	100	0	0	a)	0	0	10	0
FR	225,241	19,421,945	225,015	99.90	166	0.07	a) 60 depts b) 4 depts c) 6 depts d) 3 depts e) 7 depts f) 5 depts g) 11 depts	700,842	151,080	402	151
UK (E/W)*											
UK (SC)	13,735 <sup>iii</sup>	1,831,121 <sup>iii</sup>	13,735 <sup>iii</sup>	100 <sup>iii</sup>	5 <sup>iii</sup>	0.04 <sup>iii</sup>	f)	240,210 <sup>iv</sup>	5,214 <sup>v</sup>	17 <sup>vi</sup>	8 <sup>vii</sup>
UK (NI)	25,933 <sup>i</sup>	1583229 <sup>ii</sup>	23,075	89.0	632 <sup>iii</sup>	2.4	b)	1,582,878	0	1,348 <sup>iv</sup>	808
GR	24,229	629,171	14,341	59.19	140	0.58	b)*	184,955	0	0	0
HU*	17,620	760,081	17,608	99.93	6	0.034	b)	664,597	57,720	661	79
IE*											
IT*	47,965	2,537,643	47,954	99.98	7(+4**)	0.016	*	1,082,376	75,453	46	17
LT	106,506	689,773	106,506	100	0	0	b)	523,441	24,199	46	6
LU	1,567	193,364	1,567	100	0	0	a)	0	0	0	0
LV	36,835	379,494	36,835	100	0	0	a)	12,446	6,736	0	0
MT*	327	15,120	327	100	0	0	b)	21,567	0	0	0
NL	51,289	4,536,091	51,283	99.988	6	0.01	a)	0	0	75	15

MS or region (1)	Total number of existing bovine		Officially free herds		Infected herds		Routine tuberculin testing		Number of tuberculin tests carried out before the introduction into the herds [Annex A(I)(2)(c) 3 <sup>o</sup> indent(1) of Directive 64/432/EEC]	Number of animals with suspicious lesions of tuberculosis examined and submitted to histopathological and bacteriological examinations	Number of animals detected positive in bacteriological examination
	Herds	Animals	Number of herds	%	Number of herds	%	Interval between routine tuberculin tests (2)	Number of animals tested			
NO	24,027	884,327	24,027	100	0	0	a)	1	0	0	0
PL	681,782	6,185,211	681,762	99.997	20	0.003	d)	3,059,947	171	126	41
PT*											
RO	829,503	2,278,841	829,423	99.990	80	0.01	g)	2,083,630	0	216	81
SE	21,586	1,536,700	21,586	100	0	0	a)	0	278	60	0
SI	36,293	465,720	36,293	100	0	0	d)	162,366	0	19	0
SK*	9,840	465,485	9,840	100	0	0	d)	64,346	0	0	0

(1) Detailed regional information is required, unless the officially free status has been granted to the whole territory of the Member State.

(2) a) No routine tests, b) Tests once a year, c) Tests each 2 years, d) Tests each 3 years, e) Tests each 3 years concerning 24 months aged animals, f) Tests each 4 years, g) Others (please give details)

Additional information:

AT: \*all *M. caprae*. Measures applied like in case *M. bovis*.

BE: \*intensive testing by tracing-back and tracing-on in case of an infected herd or follow up testing of infected herd.

CY: \*officially free herds tested once per year, herds in the officially free region tested every two years.

CZ: \*

- Single tuberculin (Bovitubal) skin test on imports of animals (except for slaughter) from third countries. To be performed on female animals from 6 weeks of age and breeding bulls (bullocks). The test must be carry out as soon as the animals arrive at their destination, but with regard to any previous tuberculin test.
- Single tuberculin (Bovitubal) skin test in case of transfer of animals (except for slaughter) from the Member States which have not status of a country or region officially free of bovine tuberculosis. The test is carry out in females from the age of 6 weeks and breeding bulls (bullocks) from 6 weeks of age. The examination must be performed as soon as the animals arrive at their destination, but with regard to any previous tuberculin test.
- Single tuberculin (Bovitubal) skin test in breeding bulls (bullocks) during 28 days before transfer to isolation stables of artificial insemination center (AIC) - in accordance with Annex 2 to Decree No. 380/2003 Coll.
- Single tuberculin (Bovitubal) skin test of breeding bulls in an isolation stable of AIC if they were not screened before being admitted to the isolation stable of AIC - in accordance with Annex 2 to Decree No. 380/2003 Coll.
- Single tuberculin (Bovitubal) skin test in breeding bulls in AIC once a year - in accordance with Annex 2 to Decree No. 380/2003 Coll.
- Single tuberculin (Bovitubal) skin test in breeding bulls in natural breeding once a year.
- Simultaneous tuberculin (Avitubal + Bovitubal) skin test of animals in a herd or in part, where the animal was found with a positive tuberculin reaction in single.
- Simultaneous tuberculin (Avitubal + Bovitubal) skin test in animals which have been dubious with simple tuberculin reaction.
- Simultaneous tuberculin (Avitubal + Bovitubal +) skin test in case of presence gross lesions pathological finding at the slaughterhouse - the number of animals depends on the type of housing and feeding.

DE:\* 5 herds in Bavaria , 1 herd in Hessen 4 herds in Lower Saxony and 1 in Schleswig-Holstein.

DK:\* Bulls at AI-centres are subjects to serological test for bovine brucellosis before entry to the AI-centres and once a year. Furthermore, some bovine animals are tested before export.

ES: 2008/940/EC

FI: \*In addition, 775 intradermal tuberculin tests were done on bulls standing at the A.I. bulls' stations or new bulls introduced to the A.I. bulls' stations.

UK (England & Wales): 2008/940/EC

Additional information:

UK (Scotland):

- (i) Number / percentage of herds as at 31 December 2010
- (ii) Bovine animal number sourced from Cattle Tracing System
- (iii) Number / percentage of infected herds (OTF status withdrawn) of indigenous origin.
- (iv) All tuberculin skin tests and interferon-gamma blood tests done on individual animals.
- (v) Number of cattle required to receive a negative pre-movement test before leaving England / Wales and arrival in Scotland (does not include imported cattle)
- (vi) Carcasses investigated after disclosure of suspect TB lesions at routine slaughter of cattle from OTF herds (i.e. test reactors excluded)
- (vii) Cattle carcasses with suspect TB lesions at routine slaughter from which *Mycobacterium bovis* was isolated. Excludes tuberculin and gamma-interferon test reactors.

UK (Northern Ireland):

- <sup>i</sup> Based on the number of cattle herds presenting cattle for a TB herd test during the last four years.
- <sup>ii</sup> From June Agricultural Census.
- <sup>iii</sup> Herds under OTW restriction at the end of the year that had TB confirmed by culture of *M. bovis* or by TB reactors that showed typical *M. bovis* lesions during the year.
- <sup>iv</sup> Includes samples from animals that were declared TB reactors. Most TB reactors are only examined by histopathological examination.

GR: data not complete (data for the regions Argolida, E.Attiki, Evia, Hlieia, Hmathia, Kavala, Lakonia, Lesvos, Prebeza, Rethymno, Samos, Fthiotida missing).

HU: Beside the officially free and infected herds there were 6 herds where the officially free status was suspended.

*M. bovis* infection in other species: red deer: 9 cases in Somogy county, fallow deer: 1 case in Somogy county, fox: 1 case in Somogy county and wild boars: 26 cases (3 cases in Komárom-Esztergom county and 23 cases in Somogy county).

IE: 2008/940/EC

IT: \*[Abruzzo (Pescara) - (c), Bolzano - (a), Emilia Romagna - (c), Friuli Venezia Giulia - (a), Lombardia - (c), Marche (Ascoli Piceno) - (c), Piemonte (Novara, Verbania, Vercelli) - (c), Sardegna (Cagliari, Medio-Campidano, Ogliastra, Olbia-Tempio, Oristano) - (c), Toscana - (f); Trento (b), Veneto (d)]; other regions: 2008/940/EC; \*\* 4 herds in Lombardy which regained their officially free status before the end of 2010.

MT: Dairy farms: total 159 (actives 128), animals in dairy farms : 3328; Tests in dairy farms: 21,567 (individual animal test number 13,653); Non Dairy farms: total 199, animals in non dairy farms: total : 15,120; Tests in total : bovine farms : 21,731.

PT: 2008/940/EC

SK: in Prievidza region 1 positive case in animal introduced within the intra-Union trade.

### 3.2 BOVINE BRUCELLOSIS

MS or region <sup>(1)</sup>	Total number of existing bovine		Officially free herds		Infected herds		Surveillance <sup>(2)</sup>						Investigations of suspect cases								
	Herds	Animals	Number of herds	%	Number of herds	%	Serological tests			Examination of bulk milk samples			Information on abortions			Epidemiological investigation					
							Number of bovine herds tested	Number of animals tested	Number of infected herds	Number of bovine herds tested	Number of animals or pools tested	Number of infected herds	Number of notified abortions whatever cause	Number of abortions due to <i>Brucella</i> infection	Number of isolations of <i>Brucella abortus</i>	Number of animals tested with serological blood tests	Number of suspended herds	Number of positive animals		Number of animals examined microbiologically	Number of animals positive microbiologically
							Serologically		B.S.T												
AT	71,563	2,013,281	71,563	100	0	0	3,781	30,210	0	35,374	35,427	0	825	0	0	2,003	60	0	0	2	0
BE	35,217	2,721,130	35,216	99.997	1*	0.003	7,980	42,378	1	0	0	0	6,650	2	2	68	1	9	0	104	22
BG	121,175	540,267	121,175	100	0	0	121,074	304,057	0	0	0	0	77	0	0	0	0	0	0	5	0
CH	41,903	1,597,484	41,903	100	0	0	0	0	0	0	0	0	1,370	0	0	3,577	0	4	0	5	0
CY*																					
CZ*	18,394	1,376,311	18,394	100	0	0	15,775	543,166	0	1,410	135,192	0	4,969	0	0	197	3	0	0	22	0
DE	183,977	12,761,126	183,974	99.998	0	0	22,657	649,137	0	44,649	184,308	1	1,607	4	0	2,432	1	2	0	321	0
DK*	20,829	1,631,863	20,829	100	0	0	...	2,197*	0	0	0	0	0	0	0	0	0	0	0	0	0
EE	5,116	234,990	5,116	100	0	0	1,702	43,503	0	2,625	93,419	0	964	0	0	0	0	0	0	0	0
ES*	1,105	17,620	1,105	100	0	0	415	9,976	0	0	0	0	0	0	0	0	0	0	0	0	0
FI	15,571	930,738	15,571	100	0	0	-	1,040	0	0	0	0	101*	0	0	101	0	0	0	94	0
FR	225,241	19,421,945	225,098	99.936	0	0	146,910	1,574,346	0	60,526*	61,596*	0	60,590	0	0	5,000	272	118	0	329	0
UK(GB)	74,705	8,367,980	74,705	100	0	0	1,179	16,426	0	11,800	155,837	0	6,691	0	0	62	0	0	0	0	0
UK(NI)*	25,933*	928,756*	25,094	96.76	24 <sup>iii</sup>	0.093	21,945*	867,402	77	3,165 <sup>iii</sup>	38,318	3 <sup>iii</sup>	2,644	10	10	27,645*	782 <sup>iii</sup>	184	-	132 <sup>iii</sup>	57 <sup>iii</sup>
GR*	24,229	629,171	11,760	48.54	187	0.77	5,407	62,321	250	135,881											
HU*	17,620	760,081	17,618	99.99	0	0	14,847	366,092	0	64	14,241	0	1,177	0	0	0	0	0	0	0	0
IE*	116,815	5,751,564	116,815	100	0	0	106,000	2,140,000	0	20,280	199,310*	0	2,540	0	0	252	36	0	0	20	0
IT*	68,143	2,678,111	68,127	99.975	4**	0.006	24,233	757,743	4	12,628	590,301	0	1,146	0	0	51,667	71	105	0	88	1
LT	107,346	690,177	107,346	100	0	0	24,482	103,893	0	17,183	207,526	0	69	0	0	298	5	0	0	24	0
LU	1,567	193,364	1,567	100	0	0	147	532	0	845	845	0	90	0	0	93	0	0	0	0	0
LV	36,835	379,494	36,835	100	0	0	7,036	24,311	0	127	17,962	0	90	0	0	0	0	0	0	0	0
MT*	327	15,120	253	77.37	0	0	253*	13,406	0	120	237	0	0	0	0	0	0	0	0	0	0
NL	51,289	4,536,091	51,289	100	0	0	0	0	0	0	0	0	11,149	0	0	11,149	113	10	0	10	0
NO	24,027	884,327	24,027	100	0	0	30	56	0	0	0	0	20	0	0	0	0	0	0	0	0
PL	681,782	6,185,211	681,745	99.99	0	0	165,158	1,197,384	37	0	0	0	230	0	0	529	0	39	0	39	0
PT*	2,567	59,479	2,567	100	0	0	1,630	22,606	0	134	447	0	4	0	0	0	0	0	0	0	0
RO	829,503	2,278,841	829,503	100	0	0	797,227	1,574,672	0	0	0	0	115	0	0	2	0	0	0	20	0
SE*	21,586	1,536,700	21,586	100	0	0	0	0	0	3,000	3,000	0	0	0	0	3	0	0	0	0	0
SI	36,293	465,720	36,293	100	0	0	6,886	61,666	0	0	0	0	154	0	0	0	0	0	0	0	0
SK	9,840	465,485	9,840	100	0	0	2,116	64,801	0	0	0	0	2,177	0	0	2,177	0	0	0	331	0

<sup>(1)</sup> Detailed regional information is required, unless the officially free status has been granted to the whole territory of the Member State.

<sup>(2)</sup> Please give details

BE: \*One brucellosis breakdown herd was detected by analysis of an abortion end 2010. Positive culture isolate for brucellosis was typed as *Brucella abortus* biovar 3. Serological analyses of 68 bovines of this herd resulted in 9 positive animals. All 104 bovines of this herd were mandatory slaughtered and tested by culture. All sanitary restriction measures at the breakdown herd were lifted on 31 January 2011.

Epidemiological investigations indicated 146 'contact' herds. Serological follow-up in 2010 and 2011 by 12.917 Agglutination tests and 9.285 Elisa's resulted in 13 positive bovines belonging to 12 different herds. These 13 animals were test slaughtered for supplementary examination by culture. All animals were finally negative by bacteriological examination.

In consequence of this brucellosis breakdown in 2010, all dairy herds (9,640) were tested by an ELISA of tank milk in 2011. Finally 13 dairy herds had a positive result by analyze of the tank milk and were subsequently analyzed by serology. Finally all serological analyses were negative except for one bovine that had to be test slaughtered. The bacteriological examination of this animal was also negative. .

CY: 2008/940/EC

DK: \*Bulls at AI-centres are subjects to serological test for bovine brucellosis before entry to the AI-centres and once a year. Furthermore, some bovine animals are tested before export.

ES (Canary Islands), rest of the regions: 2008/940/EC

FI: \*Abortions in cattle are as such not notifiable in Finland, if there is no reason to suspect a notifiable disease. The number indicates the number of abortions, from which samples were submitted to the laboratory on a voluntary basis to clarify the reason for the abortion, and where a *Brucella*-examination was carried out among other examinations.

FR: \* estimated data as certain laboratories has not yet transmitted their data.

UK (NI): 2008/940/EC

<sup>i</sup> Number of cattle herds in which cattle were presented at a TB herd test during the last 4 years

<sup>ii</sup> Serological screening mainly by Serum Agglutination Test with high risk samples parallel tested by iELISA. Confirmation by iELISA and/or Complement Fixation Test. 19,012 herds where eligible cattle were tested

<sup>iii</sup> Bulk milk samples from dairy herds are tested by iELISA on a monthly basis. Pools tested.

<sup>iv</sup> Herds that had a serological herd test because of a positive bulk milk sample result

<sup>v</sup> Animals that were either had a tracing test or were inconclusive to a previous test. Risk herd tests not included.

<sup>vi</sup> 725 herds with OBS status and 57 herds with OBW status but negative at the last herd test (14 OBW herds seropositive at their last herd test).

<sup>vii</sup> Herds with confirmed infection during the year (based on culture results from reactor animals from the date of first disclosure of the reactor animal in the herd).

<sup>viii</sup> Samples equate to all tissue samples or swabs taken from one animal on a specified day. Samples submitted for routine diagnostic purposes are not included.

<sup>ix</sup> Based on the average number of cattle presented at Br herd tests over the last 4 years.

GR: data not complete (data for the regions: Argolida, E.Attiki, Evia, Hlieia, Hmathia, Kavala, Lakonia, Lesvos, Prebeza, Rethymno, Samos, Fthiotida missing).

HU: Investigation of the reported abortion + serological investigation of all cattle over 24 month of age every year. The official free status of two herds was suspended, one in Komárom-Esztergom county , and one in Borsod county. In case of these 2 herds the serological investigations were not done properly, therefore the officially free status was suspended.

IE: \* In 2010, 50% of dairy herds were subjected to a serologically herd test (all females and bulls >24 months). All other herds had a serologically herd test (all females and bulls >24 months). In addition all dairy herds were tested monthly using bulk milk samples. In addition a pre-movement test is required prior to movement of any females >18 months and any bulls >24 months. Serological surveillance is also carried out in slaughter plants on a percentage (approx 70%) of cows slaughtered.

IT (Abruzzo (Pescara), Bolzano, Emilia-Romagna, Friuli Venezia Giulia, Lazio (Rieti), Liguria (Imperia, Savona), Lombardia, Marche, Molise (Campobasso), Piemonte, Puglia (Brindisi), Sardegna, Toscana, Trento, Umbria, Veneto): other regions: 2008/940/EC; \*\* including 1 herd in Lombardy which regained its officially free status before the end of 2010.

MT: 2008/940/EC

PT (Azores: islands of Corvo, Faial, Flores, Graciosa, Pico and St. Maria): other regions 2008/940/EC.



<sup>(1)</sup> Detailed regional information is required, unless the officially free status has been granted to the whole territory of the Member State.

<sup>(2)</sup> Please give details

BE: Surveillance carried out at random selection of bovine herds and bovine animals

A consignment of 38 Bulgarian bovines younger than 12 months arrived in Belgium on 3 August 2010. The animals were traded to 2 Belgian herds, respectively 16 and 22 animals. Serological analysis at purchase by ELISA was EBL positive for 19 of these animals with confirmatory test by ID at the NRL. Movement restrictions were imposed on both herds. All bovines of Bulgarian origin were slaughtered on 13 September 2010. The movement restriction measures were lifted in both herds respectively on 10 and 17 December 2010.

DE: \*1 herd in Bavaria.

EE: 2008/940/EC

FI: 30 % of all dairy herds (total number of dairy herds was 11031) were screened for EBL by using bulk milk samples. In addition 1466 blood samples, out of which 1405 were blood samples from A.I. bulls and their herds of origin, 11 blood samples in connection with exportation of animals, 50 blood samples in connection with suspected cases were tested in 2010.

FR: \* estimated data as certain laboratories has not yet transmitted their data.

UK (GB): Routine serological surveillance for EBL ceased in 2008.

GR: data not complete (data for the regions: Zakynthos, Lesvos and Peiraias missing).

HU: Current Hungarian rule = investigation of all cattle over 24 month of age every third year; In case of 1 herd from Komárom-Esztergom county the serological investigations were not carried out in time, therefore the officially free status was suspended.

IT [Abruzzo (Pescara), Bolzano, Campania (Napoli), Emilia-Romagna, Friuli Venezia Giulia, Lazio (Frosinone, Rieti), Liguria, (Imperia, Savona), Lombardia, Marche, Molise, Piemonte, Puglia (Brindisi), Sardegna, Sicilia (Agrigento, Caltanissetta, Siracusa, Trapani), Toscana, Trento, Umbria, Val d'Aosta, Veneto]: other regions: 2008/940/EC.

LT: 2008/940/EC

LV: 2008/940/EC

MT: 2008/940/EC

PL [voivodship dolnośląskie (districts: bolesławiecki, dzierzoniowski, głogowski, górowski, jaworski, jeleniogórski, Jelenia Góra, kamiennogórski, kłodzki, legnicki, Legnica, lubański, lubiński, lwówecki, milicki, oleśnicki, olawski, polkowicki, strzebiński, średzki, świdnicki, trzebnicki, wałbrzyski, Wałbrzych, wołowski, wrocławski, Wrocław, ząbkowicki, zgorzelecki, złotoryjski); voivodship kujawsko-pomorskie (districts: aleksandrowski, brodnicki, chełmiński, golubsko-dobrzyński, grudziądzki, lipnowski, Grudziądz, radziejowski, rypiński, toruński, Toruń, wąbrzeski, Włocławek, włocławski); voivodship lubuskie (districts: bialski, Biała Podlaska, biłgorajski, chełmski, Chelm, hrubieszowski, janowski, krasnostawski, kraśnicki, lubartowski, lubelski, Lublin, łęczyński, lukowski, opolski, parczewski, pulawski, radzyński, rycki, świdnicki, tomaszowski, włodawski, zamojski, Zamość); voivodship łódzkie (districts: belchatowski, brzeziński, kutnowski, łaski, łęczycki, łowicki, łódzki, Łódź, opoczyński, pabianicki, pajęczanski, piotrkowski, Piotrków Trybunalski, poddębicki, radomszczański, rawski, sieradzki, skierniewicki, Skierniewice, tomaszowski, wieluński, wieruszowski, zduńskowolski, zgierski); voivodship małopolskie (all districts); voivodship mazowieckie (districts: białobrzegi, garwoliński, grójecki, gostyniński, grodzki, kozienicki, legionowski, lipski, losicki, makowski, miński, nowodworski, ostrowski, otwocki, piaseczyński, Płock, plocki, płoński, pruszkowski, przysuski, Radom, radomski, Siedlce, siedlecki, sierpecki, sochaczewski, sokołowski, szydlowiecki, Warszawa, warszawski zachodni, węgrowski, wołomiński, wyszkowski, zwoleniński, żyrardowski); voivodship opolskie (districts: brzeski, głubczycki, kędzierzyńsko-kozielski, kluczborski, krapkowicki, namysłowski, nyski, oleski, opolski, Opole, prudnicki, strzelecki); voivodship podkarpackie (districts: bieszczadzki, brzozowski, dębicki, jarosławski, jasielski, kolbuszowski, krośniński, Krosno, leski, leżajski, lubaczowski, łańcucki, mielecki, niżański, przemyski, Przemysł, przeworski, ropczycko-sędziszowski, rzeszowski, Rzeszów, sanocki, stalowowolski, strzyżowski, Tarnobrzeg, tarnobrzegi); voivodship podlaskie (districts: augustowski, białostocki, Białystok, bielski, grajewski, hajnowski, moniecki, sejneński, siemiatycki, sokółski, suwalski, Suwałki, wysokomazowiecki, zambrowski); voivodship pomorskie (districts: Gdańsk, gdański, Gdynia, łęborski, Sopot, wejherowski); voivodship śląskie (all districts); voivodship świętokrzyskie (all districts); voivodship warmińsko-mazurskie (districts: elcki, giżycki, goldapski, olecki); voivodship wielkopolskie (districts: jarociński, kaliski, Kalisz, kępiński, kolski, koniński, Konin, krotoszyński, ostrzeszowski, słupecki, turecki, wrzesiński)]; other regions: 2008/940/EC.

PT (Azores): other regions 2008/940/EC



### 3.4 INFECTIOUS BOVINE RHINOTRACHEITIS

MS or region <sup>(1)</sup>	Total number of existing bovine		Surveillance <sup>(2)</sup>						Suspicion cases		Percentage of officially	
	Herds	Animals	Serological tests			Examination by bulk milk samples			Number of animals tested	Number of infected animals	free herds <sup>(3)</sup>	infected herds <sup>(4)</sup>
			Number of bovine herds tested	Number of animals tested	Number of infected herds	Number of bovine herds tested	Number of animals tested (if not available, indicate number of pools tested)	Number of infected herds				
AT*	71,563	2,013,281	3,782	30,333	0	35,375	35,428	0	825	0	100	0
BE*	35,217	2,721,130	17,570	500,125*	8,396**	337	385 pools ELISA gE	139	1,382	12	2.80	0.02
BG	121,175	540,267	87	207	87	0	0	0	7	0	0	0
CH	41,903	1,597,484	2,303	46,804	0	0	0	0	3,558	0	100	0
CZ	18,394	1,376,311	11,293	676,564	5,024	0	0	0	0	0	72.7	27.3
DE*	149,693*	11,147,933*	71,406	3,792,490	6,546	68,624	1,344,418	2,276	1,172,187	96,559	88.05	11.70
DK	20,829	1,631,863	...	15,100	0	4,828	21,750	0	10	0	100	0
ES*	131,674	5,999,066	16,340	265,156	6,140	5,574	144,924	3,104	175	0	0	37.58
FI*	15,571	930,738	609	4,108	0	3,277	3,277 (pools)	0	88	0	100	0
UK(NI)	25,933	1583229	2,338	6,984	1,137 (3,011 animals)	521	742	480	723	42	not applicable	not applicable
IE	116,815	5,751,564	2,456	12,688	1,199	272	-	191	1,530	114	0	0
IT*	12,478	277,784	6,117	102,019	206	5,199	110,397	0	1,153	0	98	2
LU	1,567	193,364	159	19,097	57	0	0	0	713	190	6.51	unknown
NL	51,289	4,536,091	8,382	...	200	3,131	0	0	0	0	16.3	
NO	24,027	884,321	507	4,020	0	1,265	1,265	0	0	0	100	0
RO	829503	2278841	207	775	49	0	0	0	48	42	99.99	0.005
SE	21,586	1,536,700	...	5,796	0	1,702	1,702	0	8	0	100	0

<sup>(1)</sup> Detailed regional information is required, unless additional guarantees have been granted to the whole territory of the Member State in accordance with Article 9 or 10 of Directive 64/432/EEC.

<sup>(2)</sup> Please give details

AT: Verification of non-negative milk samples is made by blood testing.

BE: \*ELISA gB 115.477 animals, ELISA gE 384.648 animals; \*\*20.753 animals ELISA gB positive, 37.067 animals ELISA gE positive. Laboratory examination performed in case of purchase, abortion, diagnosis, export, qualification of herds and exposition.

CZ: In the Czech Republic a compulsory national IBR eradication programme has begun on 1/1/2006. Serological investigations were carried out in all holdings, which were not IBR free when the programme started.

DE: \*Dairy and suckler cows including offspring and specialised rearing of heifers (without fattening units and animals for fattening).

FI: 30 % of all dairy herds (total number of dairy herds was 11031) were screened for IBR by using bulk milk samples. 4,108 blood samples collected from 609 suckler cow herds at slaughter were tested for IBR. In addition 1,660 blood samples, out of which 1405 were blood samples from A.I. bulls and their herds of origin, and the rest of blood samples in connection with importation of animals etc., were tested in 2010.

IT [Bolzano, Friuli Venezia Giulia, Trento]

<p><sup>(3)</sup> Definition of free herds:</p> <p>AT: A herd in which no reactor and no IBR/IPV suspect animals or animals suspected of being infected were found.</p> <p>BE: Sanitary IBR statute I 3 or I 4 = herd free of IBR = herd without any bovine animal testing serologically positive respectively for gE or gB glycoprotein antigens of the IBR virus. Sanitary IBR statute I2 = vaccinated herd, not free yet. Sanitary IBR statute I2 derogation, partial vaccinated herd with a limited number of gE positive animals, not free yet. Sanitary statute I 1: all other herds non I2, I2d, I3 or I4 qualified. Application of Royal Decree of 22 November 2006 concerning a National eradication programme and the qualification of herds can be applied on a voluntary base until 31 December 2011. After this date, the eradication programme and the qualification of the herds will become mandatory. Qualified herds end 2010, I2 = 1227 herds (vaccinated herds), I2d = 122 (partial vaccinated herds), I3 = 729 herds gE negative (free herds), I4 = 272 herds gB negative (free herds).</p> <p>DK: A free herd is defined as a herd where there isn't any animal with antibodies against IBR.</p> <p>LU: No IgE(+) animals</p>	<p><sup>(4)</sup> Definition of infected herds :</p> <p>AT: A herd in which one or more reactors or one or more IBR/IPV suspect bovines or bovines suspected of being infected are present or have been present. Definition of reactor: a bovine animal from which the pathogen has been isolated, or at the age of six months or above and for which the result of the serological test was "positive" or the result of three consecutive tests was "inconclusive".</p> <p>BE: Infected herd = isolation of IBR virus, 7 infected herds were detected in 2010.</p> <p>DK: An infected herd is defined as a herd where there are animals with antibodies against IBR</p> <p>LU: with IgE(+) animals</p>
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Member State	Area	Rabies cases																									Human cases	Human exposure	
		Domestic animals										Wildlife																	
		dog	cat	cattle	equine	sheep	goat	pig	stray dog	other	unspecified	fox	raccoon dog	raccoon	wolf	badger	Marten	other mustelides	other carnivores	wild boar	roe deer	red deer	fellow deer	other	bat	unspecified			
LV		2	0	0	0	0	0	0	0	0	0	11	1	0	0		0	0	0	0	1	0	0	0	0	0	0	0	0
MT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0
NO		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PL		6	8	4	1	2	0	0	1	0	0	117	1	0	0	1	3	0	0	0	1	0	0	0	6	0	0	0	0
PT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RO		42	25	30	5	5	3	3	0	0	0	311	0	0	7	0	1	4	3	0	1	0	0	2	0	0	0	0	0
SE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI		0	0	1	0	0	0	0	0	0	0	15	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0
SK		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>		<b>54</b>	<b>46</b>	<b>36</b>	<b>7</b>	<b>7</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>651</b>	<b>15</b>	<b>0</b>	<b>7</b>	<b>13</b>	<b>98</b>	<b>7</b>	<b>3</b>	<b>0</b>	<b>11</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>29</b>	<b>0</b>	<b>0</b>	<b>1</b>	

The information shall be in the format used for quarterly reports on the occurrence of rabies sent by the Member States to the WHO Collaborating Centre for Rabies Surveillance and Research.

The Member States may provide the information also in the format of the annual report on the occurrence of rabies established by the WHO Collaborating Centre for Rabies Surveillance and Research, <http://www.who-rabies-bulletin.org>

<p>BE: *One bat (species <i>Eptesicus serotinus</i>) was diagnosed positive for the rabies virus genotype 5 (European bat lyssavirus-1). The bat originated from the north of Spain and had bitten a Belgian photographer on 21/08/2010. The bat died soon after the bite, after which the photographer submitted the bat to the Belgian NRL of Rabies (WIV-ISP) for diagnosis. The person was immediately treated with anti-rabies vaccine at the rabies centre of the WIV-ISP.</p> <p>DE: *The dog was born in Bosnia Herzegovina on 10 December 2009 as a farmyard dog and on 27 February 2010 brought into the Union via Slovenia. The animal was already infected in its country of origin by a bite.</p> <p>HU: 9 cases in foxes: 6 in Csongrád county, 1 in Hajdú-Bihar, 2 in Szabolcs-Szatmár-Bereg county, 1 case in bat in Budapest. 1 case in dog in Csongrád county.</p> <p>PL: 117 cases in foxes: 94 in malopolskie region, 9 in lubelskie region, 13 in podkarpackie region and 1 in podlaskie region.</p>	
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### 3.6 CASES OF FOOT-AND-MOUTH DISEASE (FMD), CONTAGIOUS BOVINE PLEUROPNEUMONIA (CBPP), SWINE VESICULAR DISEASE (SVD), CLASSICAL SWINE FEVER (CSF) AND AFRICAN SWINE FEVER (ASF)

#### ANIMAL DISEASE NOTIFICATION SYSTEM

Date of the report:  
Reporting period: 2010

(A): Number of Outbreaks  
(B): Last Date of Confirmation

Member States		F.M.D	S.V.D.	RIND ER PEST	CBPP	B.T.	C.S.F.	C.S.F. WB	A.S.F.	N.D.	A.I.	VES STO M	P.P.R	L.S.D.	CAPRI POX
AT	(A)	0	0		0		0	0	0						
	(B)		-		-		-	-	-						
BE	(A)	0	0		0		0	0	0						
	(B)	-	-		-		-	-	-						
BG	(A)	0	0		0		0	0	0						
	(B)	-	-		-		-	-	-						
CH	(A)	0	0		0		0	0	0						
	(B)	-	-		-		-	-	-						
CY	(A)	0	0		0		0	0	0						
	(B)	-	-		-		-	-	-						
CZ	(A)	0	0		0		0	0	0						
	(B)	-	-		-		-	-	-						
DE	(A)	0	0		0		0	0	0						
	(B)	-	-		-		-	-	-						
DK	(A)	0	0		0		0	0	0						
	(B)	-	-		-		-	-	-						
EE	(A)	0	0		0		0	0	0						
	(B)	-	-		-		-	-	-						
ES	(A)	0	0		0		0	0	0						
	(B)	-	-		-		-	-	-						
FI	(A)	0	0		0		0	0	0						
	(B)	-	-		-		-	-	-						
FR	(A)	0	0		0		0	0	0						
	(B)	-	-		-		-	-	-						
UK(GB)	(A)	0	0		0		0	0	0						
	(B)	-	-		-		-	-	-						
UK(NI)	(A)	0	0		0		0	0	0						
	(B)	2001	-		-		1958	-	-						
GR	(A)	0	0		0		0	0	0						
	(B)	-	-		-		-	-	-						

Member States		F.M.D	S.V.D.	RIND ER PEST	CBPP	B.T.	C.S.F.	C.S.F. WB	A.S.F.	N.D.	A.I.	VES STO M	P.P.R	L.S.D.	CAPRI POX
HU	(A)	0	0		0		0	0	0						
	(B)	-	-		-		-	-	-						
IE	(A)	0	0		0		0	0	0						
	(B)	-	-		-		-	-	-						
IT	(A)	0	4		0		0	0	10*						
	(B)	-	5/11/2010	-	-	-	-	-	30/07/2010						
LT	(A)	0	0		0		0	0	0						
	(B)	-	-		-		-	-	-						
LU	(A)	0	0		0		0	0	0						
	(B)	-	-	-	-	-	-	-	-						
LV	(A)	0	0		0		0	0	0						
	(B)														
MT	(A)	0	0	0	0	0	0	0	0						
	(B)	-	-	-	-	-	-	-	-						
NL	(A)	0	0		0		0	0	0						
	(B)	-	-		-		-	-	-						
NO	(A)	0	0		0		0	0	0						
	(B)	-	-		-		-	-	-						
PL	(A)	0	0		0		0	0	0						
	(B)	-	-				-	-	-						
PT	(A)	0	0		0		0	0	0						
	(B)	-	-		-		-	-	-						
RO	(A)	0	0		0		0	0	0						
	(B)	-	-		-		-	-	-						
SE	(A)	0	0		0		0	0	0						
	(B)	-	-				-	-							
SI	(A)	0	0		0		0	0	0						
	(B)	-	-		-			-	-						
SK	(A)	0	0		0		0	0	0						
	(B)	-	-		-		-	-	-						

IT: 8 outbreaks in domestic pigs and 2 in wild boars, all in Sardinia region.

### 3.7 CASES OF ANTHRAX (BOVINE AND PORCINE ANIMALS), *BRUCELLA SUI* INFECTION AND TRANSMISSIBLE GASTRO-ENTERITIS (PORCINE ANIMALS)

Date of the report: Reporting period: 2010	(A) : Number of Outbreaks (B) : Last Date of Confirmation
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Member States		anthrax (bovine animals)	anthrax (porcine animals)	brucella suis infection	transmissible gastro-enteritis
AT	(A)	0	0	1	0
	(B)	-	-	not provided	-
BE	(A)	0	not notifiable	0	not notifiable
	(B)	-	-	-	-
BG	(A)	1	0	0	0
	(B)	18/06/2010	-	-	-
CH	(A)	0	0	0	0
	(B)	-	-	-	-
CY	(A)	0	0	0	1*
	(B)	-	-	-	23/06/2010
CZ	(A)	0	0	0	0
	(B)	-	-	-	-
DE	(A)	0	0	0	0
	(B)	-	-	-	-
DK	(A)	0	0	0	never reported and no longer notifiable
	(B)	-	-	-	-
EE	(A)	0	0	0	0
	(B)	-	-	-	-
ES	(A)	0	0	0	1*
	(B)	-	-	-	-
FI	(A)	0	0	0	0
	(B)	-	-	-	-
FR	(A)	-	0	7	unknown
	(B)	-	-	09/2010	-
UK(GB)	(A)	0	0	0	0
	(B)	-	-	-	-
UK(NI)	(A)	0	0	0	0
	(B)	-	-	-	-
GR	(A)	4*	0	0	0
	(B)	12/08/2010	-	-	-
HU	(A)	1*	0	0	not notifiable
	(B)	10/2010	-	-	-
IE	(A)	0	0	0	0
	(B)	-	-	never recorded	-
IT	(A)	0	0	18*	0
	(B)	-	-	06/2010	-
LT	(A)	0	0	0	0
	(B)	-	-	-	-

Member States		anthrax (bovine animals)	anthrax (porcine animals)	brucella suis infection	transmissible gastro-enteritis
LU	(A)	0	0	0	0
	(B)	-	-	-	-
LV	(A)	0	0	1	0
	(B)	-	-	12/2010	-
MT	(A)	0	0	0	0
	(B)	-	-	-	-
NL	(A)	0	0	0	0
	(B)	-	-	-	-
NO	(A)	0	0	0	0
	(B)	-	-	-	-
PL	(A)	0	0	0	0
	(B)	-	-	-	-
PT	(A)	0	0	0	0
	(B)	-	-	-	-
RO	(A)	0	0	0	0
	(B)	-	-	-	-
SE	(A)	0	0	0	0
	(B)	-	-	-	-
SI	(A)	0	0	0	0
	(B)	-	-	-	-
SK	(A)	3	0	0	0
	(B)	27/07/2010	-	-	-

BG: in Burgas region.

CH: extensive holding; all pigs were purchased from the index outbreak. Preliminary analysis shows the agent to be biovar 2, which is known to occur in wild boar in the region.

CY: 1 animal was tested positive by serology out of the 374 examined.

GR: in Evros region.

HU: \*in Borsod-Abaúj-Zemplén county.

IT: \*1 outbreak in Sardinia and 1 in Umbria; 16 - number of isolations obtained from wild boars within a surveillance plan applied in the regions of Piemonte and Liguria only.



### 3.8 AUJESZKY'S DISEASE

#### 3.8.1 EU Member States, Norway and Switzerland or regions thereof free of Aujeszky's disease and where vaccination is prohibited

MS or Region	Number of pig holdings	Number of pig holdings under AD-programme <sup>(1)</sup>	Number of AD not-infected pig holdings (with vaccination) <sup>(2)</sup>	Number of AD free pig holdings (without-vaccination) <sup>(3)</sup>	Number of holdings where AD has been detected <sup>(4)</sup>
AT*	34,211	34,211	0	34,211	0
CH	9,126	1,237	0	9,126	0
CY*	104	104	0	104	0
CZ	3,019	3,019	0	3,019	0
DE	112,490	112,490	0	112,490	0
DK*	9,261	9,261	0	9,261	0
FI*	1868	1868	0	1868	0
FR*	20,360	5,713	0	20,360	17*
LU*	350	350 *	0	350	0
NO	2,400	2,400	0	2,400	0
NL	9,579	9,579	0	9,579	0
SI	21,591	1,781	0	21,591	0
SE*	1,695	1,695	0	1,695	0
SK	952	952	0	952	0
UK(GB)*	12,806*	12,806	0	12,806	0

<sup>(1)</sup> Programme under the supervision of the competent authority.

<sup>(2)</sup> Pig holdings where serological tests for AD have been carried out with negative results in accordance with an official AD programme and where vaccination has been applied during the previous 12 months.

<sup>(3)</sup> Pig holdings which fulfil the conditions of Article 1(c).

<sup>(4)</sup> By means of clinical, serological, or virological investigations.

AT: By Decision 97/423/EC of 30 June 1997 Austria was granted additional guarantees in accordance with Article 10 of Directive 64/432/EEC. Therefore, since June 1997 Austria has been recognised as an AD-free Member State. In order to maintain that status a yearly monitoring programme is carried out. Moreover, in Austria vaccination is forbidden. In addition, in 2010, 12,427 pigs in 4,290 herds were tested. No positive result was found. Since 1997 and also in 2010 Austria has been free of Aujeszky's disease.

CY: Vaccination against AD is prohibited on Cyprus. In 2010, 857 blood samples were tested from 42 pig holdings. These figures were randomly chosen based on 5% prevalence among holdings and confidence interval of 95%. In Cyprus three semen collection centres operate and their boars are tested for Aujeszky's disease according to Directive 90/429/EEC.

DK: In the serological surveillance 42,260 samples have been tested (slaughter, export, AI centres).

FI:

- 1) Annual monitoring from samples collected from slaughterhouse: Total number of samples collected was 1,074 (1,033 sows, 41 fattening pigs), out of which 1,032 were analysed for AD and 1074 for TGE/PRCV and 1033 for CSF and PRRS, all with negative results.
- 2) Artificial insemination activities: Total number of samples collected was 1,647; out of which 1,500 were analysed for AD, all with negative results. Part of these samples were analysed for other diseases as follows: 1,501 for CSF; 1,526 for TGE/PRCV; 1,182 for SVD and 1,647 for PRRS, all with negative results.

- 3) Finnish SPF (specific pathogen free) herds: The total number of samples collected was 658,629 samples were analysed for TGE/PRCV and 658 for PRRS, all with negative results.
- 4) Altogether 2,184 samples from AI activities and SPF herds were analysed for *Brucella suis*, all with negative results.
- 5) Wild boars: The total number of samples collected from wild boars was 10. 9 of these samples were analysed for AD and CSF and 10 for ASF, all with negative results.

FR: (départements: Ain, Aisne, Allier, Alpes-de-Haute-Provence, Alpes-Maritimes, Ardèche, Ardennes, Ariège, Aube, Aude, Aveyron, Bas-Rhin, Bouches-du-Rhône, Calvados, Cantal, Charente, Charente-Maritime, Cher, Corrèze, Côte-d'Or, Creuse, Deux-Sèvres, Dordogne, Doubs, Drôme, Essonne, Eure, Eure-et-Loir, Gard, Gers, Gironde, Hautes-Alpes, Hauts -de-Seine, Haute-Garonne, Haute-Loire, Haute-Marne, Hautes-Pyrénées, Haut-Rhin, Haute-Saône, Haute-Savoie, Haute-Vienne, Hérault, Indre, Indre-et-Loire, Isère, Jura, Landes, Loire, Loire-Atlantique, Loir-et-Cher, Loiret, Lot, Lot-et-Garonne, Lozère, Maine-et-Loire, Manche, Marne, Mayenne, Meurthe-et-Moselle, Meuse, Moselle, Nièvre, Oise, Orne, Paris, Pas-de-Calais, Pyrénées-Atlantiques, Pyrénées-Orientales, Puy-de-Dôme, Réunion, Rhône, Sarthe, Saône-et-Loire, Savoie, Seine-et-Marne, Seine-Maritime, Seine-Saint-Denis, Somme, Tarn, Tarn -et-Garonne, Territoire de Belfort, Val-de-Marne, Val-d'Oise, Var, Vaucluse, Vendée, Vienne, Vosges, Yonne, Yvelines).

\*Following the annual serological survey (2010), France on 30/08/2010 has detected an outbreak (confirmed on 03/09/2010) in the département of Pyrénées Atlantiques (South-West). The status of this département has been suspended on 3/09/2010.

Out of 350 holdings that were screened, 15 outbreaks were detected in the same département and two in the départements of Landes bordering with Pyrénées Atlantiques. Consequently the status of the Landes has been suspended as well on 28/09/2010.

The holding of origin of the outbreaks has been identified and all infected pigs killed. The introduction of the infection in the holding might have originated from infected wild boars.

Landes recovered its free status on 22/11/2010 and Pyrénées Atlantiques on 02/12/2010.

LU: 172 samples from 16 holdings.

NL: The breeding farms have to test 12 blood samples every month. The other 9.278 pig farms have to test 3 blood samples every 4 months. The 126.846 blood samples were serological monitored by a gB-test. All the pig holdings tested negative.

SE: Since no positive test results were reported during AD-screening procedures (5,441 serological tests performed), no further investigations have occurred. No clinical suspicions have been reported and therefore no such further investigations have occurred. More than 90% of the Swedish pig population are acceded to health program were regular veterinary visits are compulsory.

SI: In the framework of the monitoring programme for maintaining AD-free status; 15,526 animals were tested in 1,781 herds.

UK (GB): \*Data from 2009. The National census data are updated by the end of June each year. Surveillance system of slaughtered boars is in place, surveillance also carried out for export purposes as required by importing countries for semen/live pigs and surveillance testing of imported pigs.

### 3.8.2 EU Member States or regions thereof where approved Aujeszky's disease control programmes are in place.

MS or Region	Number of pig holdings	Number of pig holdings under AD-programme <sup>(1)</sup>	Number of AD not-infected pig holdings (with vaccination) <sup>(2)</sup>	Number of AD free pig holdings (without-vaccination) <sup>(3)</sup>	Number of holdings where AD has been detected <sup>(4)</sup>
BE*					
ES	48,489	45,626	43,538	966	19
HU	42,514*	20,967	0	20,917	50
IE	2,391	2,391	2,330*	61	1
IT(Bolzano)	4,956	103	0	4,956	0
PL	433,632*	433,632*	7,847	259,240	1,239

(1) Programme under the supervision of the competent authority.

(2) Pig holdings where serological tests for AD have been carried out with negative results in accordance with an official AD programme and where vaccination has been applied during the previous 12 months.

(3) Pig holdings which fulfil the conditions of Article 1(c).

(4) By means of clinical, serological, or virological investigations.

BE: 2008/940/EC

ES: 2008/940/EC

HU: \*out of which 797 are large pig holdings and 41,717 are small pig holdings. In Hungary in the reporting period there were 11 artificial insemination centres and 700 serological tests for AD have been carried out, in every case with negative results. National programme in place.

IE: Unknown 2,330 permitted to vaccinate until June 2010. All vaccination prohibited from June 2010.

PL: 2008/940/EC; \*including 109,241 "empty herds".

Total number of non infected herds on the territory of Poland at the end of 2010 was 308,002 herds, including:

- 1) 259 240 herds complying with the criteria of Article 1(3) of Decision 2008/185/EC,
- 2) 48 762 herds obtained negative results in the last serological tests for Aujeszky's disease carried out within the framework of national programme for eradication of Aujeszky's disease, introduced by Regulation of the Council of Ministers of 19 March 2008 *on introduction of programme for eradication of Aujeszky's disease in pigs* [Dz. U. of 2008, No 64, item 397, as amended].

The remaining herds are: infected herds (2,682), suspended herds (314) and herds with unknown epizootical status (122,634). Amongst the latter, around 90% were so called "empty herds", i.e. herds qualified for the programme based on central database on animal identification and registration in which no animals were kept at the visit of the official veterinarian.

### 3.8.3 Other EU Member States or regions thereof.

MS or Region	Number of pig holdings	Number of pig holdings under AD-programme (1)	Number of AD not-infected pig holdings (with vaccination) (2)	Number of AD free pig holdings (without-vaccination)(3)	Number of holdings where AD has been detected (4)
BG*	53,544	53,544	41	0	not provided
EE*	120	37	0	0	0
FR*	unknown	0	unknown	unknown	unknown
UK(NI)	1,088	1,088*	229	794	0
GR*	5,985	0	0	0	0
IT (except Bolzano)	129,815	59,628	56,642	7,896	614
LT*	6,971	6,971	0	6,971	
LV*	2,206	2,206	0	no data	4 (serology)
MT	165	87	0	165	0
PT	9,361	8,384	5,459	4	315
RO	1,300,294*	107**	0	107***	not provided

(1) Programme under the supervision of the competent authority.

(2) Pig holdings where serological tests for AD have been carried out with negative results in accordance with an official AD programme and where vaccination has been applied during the previous 12 months.

(3) Pig holdings which fulfil the conditions of Article 1(c).

(4) By means of clinical, serological, or virological investigations.

BG: \*for export purposes, in the framework of other surveillance schemes - 22 virological tests with negative results for the presence of Aujeszky's disease virus were carried out in artificial insemination centers.

EE: 120 pig holdings, which are not officially free of Aujeszky's disease accordance with Article 1 3) of Commission Decision 2008/185/EC and vaccination is prohibited.

Since 1999 every year the Veterinary and Food Board (VFB) establishes the 'State Program for the Control of Animal Infectious Diseases'. The program is enforced with directive of the General Director of the VFB according to § 30 (2) of the Infectious Animal Disease Control Act.

Samples for detection of Aujeszky's disease are collected in breeding farms by following scheme to detect 20% prevalence of disease with 95% confidence.

No of sows in unit	No of samples collected
10-14	7
15-20	10
21-30	11
31-60	12
61-100	13
100 and more	14

All boars in IA stations and used in natural mating are investigated for Aujeszky's disease. Additionally 1% of slaughter pigs are tested for Aujeszky's disease. In 2010 there were 855 blood samples tested serologically and all results were negative.

FR: (Guadeloupe, Martinique, Guyana and Corsica)

UK (NI): \*includes: 23 holdings which have completed one serological test with negative results towards proving freedom from AD; 16 holdings which still have to prove freedom from AD (1 -2 breeding stock in each holding) and 26 holdings which currently have no stock.

GR: No outbreaks of AD reported in 2010.

- LT: Total number of pigs in the country: 692,366 out of which 7,821 breeding pigs were tested for AD in 2010.
- LV: According to “Animal infectious disease State surveillance plan for 2010” laboratory tests (serology – ELISA) to Aujeszky`s disease are carried out:
- In all artificial insemination centers to all breeding boars once per year;
  - In pig holdings 10% of sows and breeding boars once per year, but not less than 10 animals (if there are less than 10 animals – all have to be tested) and all new sows (gilts) before insemination.
  - Vaccination is carried out in holdings where positive serological results are found.
  - 21,937 pigs were vaccinated during 2010 in 62 holdings.
  - 9,407 animals in 401 holdings were tested to Aujeszky`s disease during 2010.
- RO: \*294 commercial farm and – 1,300,000 backyards; \*\*breeding farms; \*\*\*National programme in place not provided.