

ANNUAL ANIMAL HEALTH REPORT

OIE Reference: 4006	Report period: Jan-Dec 2018	Country: Belgium
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Report Summary

Animal type	Terrestrial and Aquatic	Date of report	18/03/2019
Submitted	Yes	Report Period:	Jan-Dec 2018
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1. Summary on OIE-listed diseases/infections present in Belgium

OIE-Listed disease	occurrence	Serotype(s)	New outbreaks	Total outbreaks	Species	Control Measures	Official vaccination	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccination in response to the outbreak(s)
Aujeszky's disease (Wild)	?		fau	* M		Animals						
Q fever (Domestic)	+		***	M GSu V		Animals	...	...	...	...	...	...
					bov		...	Animals	...	...	...	...	...	...
					buf		...	Animals	...	...	...	...	...	...
					cap		22000	Animals	...	...	...	...	...	...
					o/c		...	Animals	...	...	...	...	...	...
					ovi		...	Animals	...	...	...	...	...	...
Paratuberculosis (Domestic)	+	***	Te GSu Sd	...	Animals	...	...	...	...	...	...
Paratuberculosis (Wild)	+()		fau	* M Cr		Animals	...	...	...	...	...	...
Trichinellosis (Wild)	+?()	No	1	1	fau	* M TSu		Animals	...	1	...	...	...	...
Brucellosis (Brucella suis) (Wild)	+?	No	4	4	***	M	...	Animals	...	...	...	...	...	...
					fau	* TSu		Animals	...	4	...	...	...	...
Tularemia (Wild)	+	No	2	2	fau	* TSu		Animals	...	2	2	0	0	0
Echinococcus multilocularis (Infection with) (Wild)	+?()	No	18	18	fau			Animals	...	18	0	18	0	0
Echinococcus multilocularis (Infection with) - NOTE: Sur le total des 28 cas positifs à l'infection à Echinococcus multilocularis qui ont été détectés chez des renards, seuls 18 cas ont pu être localisés avec certitude. Out of the total of 28 cases positive to infection with Echinococcus multilocularis that were detected in foxes, only 18 cases could be located with certainty. Del total de 28 casos positivos para la infección por Echinococcus multilocularis que se detectaron en zorros, sólo 18 casos pudieron ser localizados con certeza.														
Bovine tuberculosis (Domestic)	+()	No	6	9	***	* Qf M Te GSu TSu Qi Sd Vp Cr	...	Animals	...	...	...	...	...	...
					bov			Animals	915	30	0	0	389	0
Inf.bov.rhinotracheit. (IBR/IPV) (Domestic)	+()	No	2	2	bov	* Qf M Te GSu TSu Qi V	687397	Animals	2319	3	3	0	0	0

OIE-Listed disease	occurrence	Serotype(s)	New outbreaks	Total outbreaks	Species	Control Measures	Official vaccination	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccination in response to the outbreak(s)
Bovine viral diarrhoea (Domestic)	+	***	M Te TSu Qi A S	...	Animals	...	...	...	...	...	...
Caprine arthritis/encephalitis (Domestic)	+	cap	M Te TSu	...	Animals	...	...	...	...	...	...
Enzootic abortion (chlamydiosis) (Domestic)	+				Animals	...	...	...	...	...	...
Maedi-visna (Domestic)	+	ovi	* Qf M Te TSu		Animals	...	...	...	...	...	...
African swine fever (Wild)	+()	No	164	164	fau	* Qf TSu Qi S Z Cr		Animals	...	287	281	6	0	0
Porcine reproductive/respiratory syndr. (Domestic)	+				Animals	...	...	...	...	...	...
Contagious equine metritis (Domestic)	+				Animals	...	...	...	...	...	...
Equine influenza (Domestic)	+				Animals	...	...	...	...	...	...
Equine viral arteritis (Domestic)	+				Animals	...	...	...	...	...	...
Equid herpesvirus-1 (EHV-1) (Infection with) (Domestic)	+				Animals	...	...	...	...	...	...
Rabbit haemorrhagic disease (Domestic)	+				Animals	...	...	...	...	...	...
Newcastle disease (Domestic)	+()	No	3	3	avi	* Qf TSu Qi S Z		Animals	100985	8095	8095	92890	0	...
Avian infectious bronchitis (Domestic)	+				Animals	...	...	...	...	...	...

OIE-Listed disease	occurrence	Serotype(s)	New outbreaks	Total outbreaks	Species	Control Measures	Official vaccination	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccination in response to the outbreak(s)
Infectious disease (Gumboro) (Domestic)	+	...	...	...				Animals	...	...	...	...	...	...
Avian chlamydiosis (Domestic)	+	...	...	...				Animals	...	...	...	...	...	...
Avian mycoplasmosis (M. synoviae) (Domestic)	+		...	...	avi	* S		Animals	...	...	...	...	...	...
American foulbrood of honey bees (Domestic)	+(0)	No	14	14	api	* Qf TSu Qi Sd Z		Hives	110	28	3	53	0	0
Varroosis of honey bees (Domestic)	+?	...	...	...				Hives	...	...	...	...	...	...
Viral haemorrhagic septicaemia (Domestic)	+	No	11	11	pis	* Qf TSu Qi Sd Z		Animals	7615	245	40	7580	0	0
Koi herpesvirus disease (Domestic)	+		...	...	pis	* Qf TSu Qi Sd Z Vp		Animals	...	...	...	...	...	...

2. OIE-listed diseases absent in Belgium during the reporting period or never reported

Multiple species

Disease	Date of last occurrence	Species	Control Measures	Official vaccination
Anthrax (Domestic)	-	bov	* Qf TSu	
		buf	* Qf TSu	
		cap	* Qf TSu	
		equ	* Qf TSu	
		o/c	* Qf TSu	
		ovi	* Qf TSu	
		sui	* Qf TSu	
Aujeszky's disease (Domestic)	12/2016	sui	* Qf GSu TSu Qi S Vp	
Bluetongue (Domestic)	12/2008	bov	* Qf Te GSu Qi	
		buf	* Qf Te GSu Qi	
		cap	* Qf Te GSu Qi	
		o/c	* Qf Te GSu Qi	
		ovi	* Qf Te GSu Qi	
		fau	* M	
Bluetongue (Wild)	2008	fau	* M	
		bov	* Qf M Te GSu TSu Qi S Z Vp Cr	
		ovi	* Qf M Te GSu TSu Qi S Z Vp Cr	
		sui	* Qf M Te GSu TSu Qi S Z Vp Cr	
		bov	* Qf M Te GSu TSu Qi S Z Vp Cr	
		buf	* Qf M Te GSu TSu Qi S Z Vp Cr	
		cap	* Qf M Te GSu TSu Qi S Z Vp Cr	
		cer	* Qf M Te GSu TSu Qi S Z Vp Cr	

Disease	Date of last occurrence	Species	Control Measures	Official vaccination
Brucellosis (Brucella suis) (Domestic)	04/01/2017	***	Te Vp	
		sui	* Qf M GSu TSu Qi Z Cr	
		bov	* Qf M GSu TSu Qi Z Cr	
Crimean Congo haemorrhagic fever (Domestic and Wild)	0000	fau	*	
Echinococcus granulosus (Infection with) (Domestic and Wild)	-	***	*	
Echinococcus multilocularis (Infection with) (Domestic)	-	***	* M GSu	
Echinococcus multilocularis (Infection with) (Domestic) - NOTE: Sur le total des 28 cas positifs à l'infection à Echinococcus multilocularis qui ont été détectés chez des renards, seuls 18 cas ont pu être localisés avec certitude.				
Out of the total of 28 cases positive to infection with Echinococcus multilocularis that were detected in foxes, only 18 cases could be located with certainty.				
Del total de 28 casos positivos para la infección por Echinococcus multilocularis que se detectaron en zorros, sólo 18 casos pudieron ser localizados con certeza.				
Equine encephalomyelitis (Eastern) (Domestic and Wild)	0000	***	*	
		equ	Qf	
Foot and mouth disease (Domestic)	02/1976	***	* Qf M Te GSu TSu Qi S Z Vp	
Foot and mouth disease (Wild)	-	fau	* TSu Vp	
Heartwater (Domestic)	-			
Japanese encephalitis (Domestic and Wild)	0000	***	* Qf	
New world screwworm (Cochliomyia hominivorax) (Domestic and Wild)	0000			
Old world screwworm (Chrysomya bezziana) (Domestic and Wild)	-			
Q fever (Wild)	-	fau	* M GSu	
Rabies (Domestic)	2008	***	* Qf TSu	
Rabies (Wild)	-	fau	* TSu	
Rift Valley fever (Domestic and Wild)	0000	bov	* Qf TSu Qi S Vp	
		buf	* Qf TSu Qi S Vp	
		cap	* Qf TSu Qi S Vp	
		o/c	* Qf TSu Qi S Vp	
		ovi	* Qf TSu Qi S Vp	
		fau	*	
Rinderpest (Domestic)	1920	***	* Qf GSu S Vp	
Rinderpest (Wild)	1920	fau	* Qf GSu Vp	
Trichinellosis (Domestic)	-	***	* Qf GSu	
		sui	M Te	
Tularemia (Domestic)	-	lep	*	
West Nile Fever (Domestic and Wild)	0000	***	* TSu	
		equ	Qf	
		fau	M	

Cattle

Disease	Date of last occurrence	Species	Control Measures	Official vaccination
Bovine anaplasmosis (Domestic)	12/2016			
Bovine babesiosis (Domestic)	06/2013			
Bovine babesiosis (Wild)	-			
Bovine genital campylobacteriosis (Domestic)	06/2013			
Bovine spongiform encephalopathy (Domestic)	10/2006	bov	* Qf Te TSu	
Bovine spongiform encephalopathy (Wild)	-	fau	*	
Bovine tuberculosis (Wild)	-	fau	* TSu	
Contagious bovine pleuropneumonia (Domestic)	1897	***	* Qf Qi S	
Enzootic bovine leukosis (Domestic)	-	bov	* Qf Te TSu Qi	
Enzootic bovine leukosis (Wild)	-	fau	*	
Haemorrhagic septicaemia (Domestic)	-	***	*	
Infectious bovine rhinotracheitis/infectious pustular vulvovaginitis (Wild)	-			
Lumpy skin disease (Domestic and Wild)	0000	***	*	
		bov	Qf GSu TSu Qi S	
		buf	Qf GSu TSu Qi S	
Theileriosis (Domestic)	-			
Trichomonosis (Domestic)	06/2013			

Disease	Date of last occurrence	Species	Control Measures	Official vaccination
Trichomonosis (Wild)	-			
Trypanosomosis (Domestic and Wild)	0000			

Sheep/Goats

Disease	Date of last occurrence	Species	Control Measures	Official vaccination
Contagious agalactia (Domestic and Wild)	-			
Contagious caprine pleuropneumonia (Domestic and Wild)	0000			
Nairobi sheep disease (Domestic and Wild)	-			
Ovine epididymitis (Brucella ovis) (Domestic and Wild)	0000	***	* TSu	
Peste des petits ruminants (Domestic and Wild)	0000	***	* Qf TSu Vp	
		bov	S	
		cap	S	
		o/c	S	
		ovi	S	
Salmonellosis (S. abortusovis) (Domestic)	-	ovi	*	
Scrapie (Domestic)	06/2007	***	* Qf TSu Qi Z	
Scrapie (Wild)	-			
Sheep pox and goat pox (Domestic and Wild)	0000	***	*	
		cap	Qf TSu Qi S Z Vp	
		o/c	Qf TSu Qi S Z Vp	
		ovi	Qf TSu Qi S Z Vp	

Swine

Disease	Date of last occurrence	Species	Control Measures	Official vaccination
African swine fever (Domestic)	05/1985	sui	* Qf TSu Qi S Z	
Classical swine fever (Domestic)	1997	sui	* Qf TSu Qi S Z Vp	
Classical swine fever (Wild)	10/2002	fau	* TSu Qi Z	
Nipah virus encephalitis (Domestic and Wild)	0000	***	*	
Porcine cysticercosis (Domestic)	-	sui	GSu	
Porcine cysticercosis (Wild)	-			
Porcine reproductive and respiratory syndrome (Wild)	-			
Transmissible gastroenteritis (Domestic)	06/2013			

Equidae

Disease	Date of last occurrence	Species	Control Measures	Official vaccination
African horse sickness (Domestic and Wild)	0000	***	*	
		equ	Qf TSu Qi Z Vp	
Dourine (Domestic and Wild)	0000	***	*	
		equ	Qf M GSu TSu Qi	
Equine encephalomyelitis (Western) (Domestic and Wild)	0000	***	*	
		equ	Qf TSu Qi	
Equine infectious anaemia (Domestic)	-	equ	* Qf GSu TSu Qi Sd	
Equine piroplasmiasis (Domestic)	12/2016			
Glanders (Domestic)	-	equ	* Qf TSu Qi	
Venezuelan equine encephalomyelitis (Domestic and Wild)	0000	***	*	
		equ	Qf TSu Qi	

Lagomorphs

Disease	Date of last occurrence	Species	Control Measures	Official vaccination
Myxomatosis (Domestic)	12/2013			
Myxomatosis (Wild)	06/2015	fau	*	

Birds

Disease	Date of last occurrence	Species	Control Measures	Official vaccination
Avian chlamydiosis (Wild)	09/2014			
Avian infectious laryngotracheitis (Domestic)	06/2013			
Avian infectious laryngotracheitis (Wild)	-			

Disease	Date of last occurrence	Species	Control Measures	Official vaccination
Avian mycoplasmosis (M. gallisepticum) (Domestic)	10/2017	avi	* Te Qi	
Duck virus hepatitis (Domestic)	-			
Fowl typhoid (Domestic)	2006	avi	* Qf TSu Qi S V	...
Highly pathogenic avian influenza (Domestic)	21/06/2017	avi	* Qf TSu Qi S Z Vp	
Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds) (Domestic)	21/06/2017	avi	* S Vp Cr	
Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds) (Wild)	12/07/2017	fau	* M GSu TSu S Z Vp Cr	
Infectious bursal disease (Gumboro disease) (Wild)	-			
Low pathogenic avian influenza (poultry) (Domestic)	01/2009	avi	* Qf TSu Qi S Z Vp	
Pullorum disease (Domestic)	-	avi	* Qf TSu Qi S V	...
Turkey rhinotracheitis (Domestic)	-			

Bees

Disease	Date of last occurrence	Species	Control Measures	Official vaccination
Acarapisosis of honey bees (Domestic)	2000	api	* TSu Qi Z T	
European foulbrood of honey bees (Domestic)	06/2017	api	* TSu Qi Sd Z	
Small hive beetle infestation (Aethina tumida) (Domestic and Wild)	0000	api	* Qf TSu Qi Z	
Tropilaelaps infestation of honey bees (Domestic and Wild)	0000	api	* Qf TSu Qi Z	

Other

Disease	Date of last occurrence	Species	Control Measures	Official vaccination
Camelpox (Domestic)	0000			
Leishmaniosis (Domestic)	-			

Fish

Disease	Date of last occurrence	Species	Control Measures	Official vaccination
Epizootic haematopoietic necrosis (Domestic and Wild)	0000	pis	* Qf TSu Qi S Z	
Infectious haematopoietic necrosis (Domestic)	08/2015	pis	* Qf TSu Qi Sd Z	
Infectious haematopoietic necrosis (Wild)	-			
Infectious salmon anaemia virus (HPR-deleted or HPRO genotypes) (Infection with) (Domestic and Wild)	0000	***	* Qf TSu Qi Sd Z	
Spring viraemia of carp (Domestic)	06/2014	pis	* Qf TSu Qi Sd Z	
Spring viraemia of carp (Wild)	-			

Molluscs

Disease	Date of last occurrence	Species	Control Measures	Official vaccination
Infection with Bonamia exitiosa (Domestic and Wild)	0000	mol	* Qf TSu Qi S Z	
Infection with Bonamia ostreae (Domestic)	2008	mol	* Qf GSu TSu Qi Sd Z	
Infection with Marteilia refringens (Domestic and Wild)	0000	mol	* Qf TSu Qi Sd Z	
Infection with Perkinsus marinus (Domestic and Wild)	0000	mol	* Qf TSu Qi S Z	
Infection with Xenohalotus californiensis (Domestic)	-			

Crustaceans

Disease	Date of last occurrence	Species	Control Measures	Official vaccination
White spot disease (Domestic and Wild)	0000	cru	* Qf TSu Qi Sd Z	
Yellow head disease (Domestic and Wild)	0000	cru	* Qf TSu Qi S Z	

Amphibians

Disease	Date of last occurrence	Species	Control Measures	Official vaccination
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Disease	Date of last occurrence	Species	Control Measures	Official vaccination
Infection with Batrachochytrium dendrobatidis (Domestic)	-	amp	*	
Infection with Batrachochytrium salamandrivorans (Domestic)	2016	amp	*	
Infection with ranavirus (Domestic and Wild)	-	***	*	

3. Detailed quantitative information for OIE-listed diseases/infections present in Belgium

Disease information by State by month from Jan-Dec 2018

African swine fever (Wild)

Wild

Month	Province	Serotype(s)	New outbreaks	Total outbreaks	Species	Family Name	Latin Name	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccination in response to the outbreak(s)
Jan		No	0	0										
Feb		No	0	0										
Mar		No	0	0										
Apr		No	0	0										
May		No	0	0										
Jun		No	0	0										
Jul			0	0										
Aug			0	0										
Sep	Luxembourg	No	14	14	fau	Suidae	Sus scrofa	Animals	...	27	25	2	0	0
Oct	Luxembourg	No	68	68	fau	Suidae	Sus scrofa	Animals	...	131	127	4	0	0
Nov	Luxembourg	No	36	36	fau	Suidae	Sus scrofa	Animals	...	57	57	0	0	0
Dec	Luxembourg	No	46	46	fau	Suidae	Sus scrofa	Animals	...	72	72	0	0	0

Newcastle disease (Domestic)

Domestic Species

Month	Province	Serotype(s)	New outbreaks	Total outbreaks	Species	Family Name	Latin Name	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccination in response to the outbreak(s)
Jan			0	0										
Feb			0	0										
Mar			0	0										
Apr			0	0										
May			0	0										
Jun	Oost-Vlaanderen	No	1	1	avi			Animals	3648	...	0	3648	0	...
Jul	Oost-Vlaanderen	No	1	2	avi			Animals	57820	6095	6095	51725	0	...
	West-Vlaanderen	No	1	1	avi			Animals	39517	2000	2000	37517	0	...
Aug	Oost-Vlaanderen	No	0	2	avi			Animals	...	...	...	...	...	...
	West-Vlaanderen	No	0	1	avi			Animals	...	...	...	...	...	...
Sep			0	0										
Oct			0	0										
Nov			0	0										
Dec			0	0										

Trichinellosis (Wild)

Wild

Month	Province	Serotype(s)	New outbreaks	Total outbreaks	Species	Family Name	Latin Name	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccination in response to the outbreak(s)
Jan			...	...								
Feb			...	...								
Mar			...	...								
Apr			...	...								
May			...	...								
Jun			...	...								
Jul			0	0										
Aug			0	0										
Sep			0	0										
Oct			0	0										
Nov			0	0										
Dec	Luxembourg	No	1	1	fau	Suidae	Sus scrofa	Animals	...	1	...	...	...	...

Bovine tuberculosis (Domestic)

Domestic Species

Month	Province	Serotype(s)	New outbreaks	Total outbreaks	Species	Family Name	Latin Name	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccination in response to the outbreak(s)
Jan	Antwerpen	No	0	1	bov			Animals	...	...	...	...	...	...
	Limburg	No	0	1	bov			Animals	...	...	...	...	...	...
	West-Vlaanderen	No	0	1	bov			Animals	...	...	...	...	...	...
Feb	West-Vlaanderen	No	0	1	bov			Animals	...	...	...	...	...	...
Mar	Limburg	No	1	1	bov			Animals	151	4	0	0	151	0
	West-Vlaanderen	No	0	1	bov			Animals	...	...	...	...	...	...
Apr	Limburg	No	0	1	bov			Animals	...	...	...	...	...	...
	West-Vlaanderen	No	0	1	bov			Animals	...	...	...	...	...	...
May	Limburg	No	0	1	bov			Animals	...	...	...	...	...	...
	West-Vlaanderen	No	1	2	bov			Animals	314	1	0	0	5	0
Jun	Antwerpen	No	1	1	bov			Animals	89	2	0	0	89	0
	West-Vlaanderen	No	0	2	bov			Animals	...	...	...	...	...	...
Jul	Antwerpen	No	0	1	bov			Animals	...	...	...	...	...	...
	Limburg	No	1	1	bov			Animals	49	21	...	...	49	0
	West-Vlaanderen	No	0	2	bov			Animals	...	...	...	...	...	...
Aug	Antwerpen	No	0	1	bov			Animals	...	...	...	...	...	...
	Limburg	No	1	2	bov			Animals	234	1	...	...	17	0
	West-Vlaanderen	No	0	2	bov			Animals	...	...	...	...	...	...
Sep	Antwerpen	No	0	1	bov			Animals	...	...	...	...	...	...
	Limburg	No	0	2	bov			Animals	...	...	...	...	...	...
	West-Vlaanderen	No	0	2	bov			Animals	...	...	...	...	...	...
Oct	Antwerpen	No	0	1	bov			Animals	...	...	...	...	...	...
	Limburg	No	0	2	bov			Animals	...	...	...	...	...	...
	West-Vlaanderen	No	0	2	bov			Animals	...	...	...	...	...	...
Nov	Antwerpen	No	0	1	bov			Animals	...	...	...	...	...	...
	Liège	No	1	1	bov			Animals	78	1	...	...	78	...
	Limburg	No	0	2	bov			Animals	...	...	...	...	...	...
	West-Vlaanderen	No	0	1	bov			Animals	...	...	...	...	...	...
Dec	Liège	No	0	1	bov			Animals	...	...	...	...	...	...
	Limburg	No	0	2	bov			Animals	...	...	...	...	...	...
	West-Vlaanderen	No	0	1	bov			Animals	...	...	...	...	...	...

Inf.bov.rhinotracheit. (IBR/IPV) (Domestic)

Domestic Species

Month	Province	Serotype(s)	New outbreaks	Total outbreaks	Species	Family Name	Latin Name	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccination in response to the outbreak(s)
Jan			0	0										
Feb			0	0										
Mar			0	0										
Apr			0	0										
May			0	0										
Jun	Antwerpen	No	1	1	bov			Animals	1143	1	1	0	0	0
Jul			0	0										
Aug			0	0										
Sep	West-Vlaanderen	No	1	1	bov			Animals	1176	2	2	...	...	...
Oct			0	0										
Nov			0	0										
Dec			0	0										

Viral haemorrhagic septicaemia (Domestic)

Domestic Species

Month	Province	Serotype(s)	New outbreaks	Total outbreaks	Species	Family Name	Latin Name	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccination in response to the outbreak(s)
Jan			...	...								
Feb			...	...								
Mar			...	...								
Apr			...	...								
May			...	...								
Jun			...	...								
Jul			0	0										
Aug	Namur	No	1	1	pis			Kilograms	115	...	35	80	0	0
Sep	Hainaut	No	1	1	pis			Kilograms	7500	30	...	7500	...	...
	Namur	No	1	1	pis			Animals	...	3	3	...	...	...
Oct	Hainaut	No	2	2	pis			Animals	...	60	...	...	...	0
	Liège	No	2	2	pis			Animals	...	60	...	...	...	0
	Namur	No	2	2	pis			Animals	...	60	...	...	...	0
Nov	Namur	No	1	1	pis			Animals	...	30	...	...	...	0
Dec	Luxembourg	No	1	1	pis			Animals	...	2	2	...	...	0

American foulbrood of honey bees (Domestic)

Domestic Species

Month	Province	Serotype(s)	New outbreaks	Total outbreaks	Species	Family Name	Latin Name	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccination in response to the outbreak(s)
Jan			0	0										
Feb			0	0										
Mar			0	0										
Apr			0	0										
May	Antwerpen	No	1	1	api			Hives	8	1	0	1	0	0
	Hainaut	No	2	2	api			Hives	9	4	0	9	0	0
	Vlaams Brabant	No	1	1	api			Hives	27	6	0	6	0	0
Jun	Antwerpen	No	1	2	api			Hives	1	1	0	1	0	0
Jul	Antwerpen	No	0	2	api			Hives	...	...	...	...	...	...
	Hainaut	No	2	4	api			Hives	8	2	...	8	...	...
	Vlaams Brabant	No	1	2	api			Hives	27	6	...	6	...	...
Aug	Hainaut	No	0	4	api			Hives	...	...	...	...	...	...
	Luxembourg	No	2	2	api			Hives	13	2	...	13	...	...
	Vlaams Brabant	No	0	2	api			Hives	...	...	...	...	...	...

Month	Province	Serotype(s)	New outbreaks	Total outbreaks	Species	Family Name	Latin Name	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccination in response to the outbreak(s)
Sep	Hainaut	No	1	1	api			Hives	1	1	1	...	...	...
	Luxembourg	No	1	3	api			Hives	7	1	...	7	...	...
	Vlaams Brabant	No	1	3	api			Hives	7	2	...	2	...	...
Oct	Hainaut	No	0	1	api			Hives	...	...	...	...	...	...
	Luxembourg	No	0	3	api			Hives	...	...	...	...	...	...
	Vlaams Brabant	No	0	1	api			Hives	...	...	...	...	...	...
Nov	Hainaut	No	0	1	api			Hives	...	...	...	...	...	...
	Vlaams Brabant	No	1	2	api			Hives	2	2	2	...	...	...
Dec	Hainaut	No	0	1	api			Hives	...	...	...	...	...	...
	Vlaams Brabant	No	0	2	api			Hives	...	...	...	...	...	...

Tularemia (Wild)

Wild

Month	Province	Serotype(s)	New outbreaks	Total outbreaks	Species	Family Name	Latin Name	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccination in response to the outbreak(s)
Jan	Hainaut	No	2	2	fau	Leporidae	Lepus europaeus	Animals	...	1	1	0	0	0
					fau	Leporidae	Oryctolagus cuniculus	Animals	...	1	1	0	0	0
Feb			0	0										
Mar			0	0										
Apr			0	0										
May			0	0										
Jun			0	0										
Jul			...	...								
Aug			...	...								
Sep			...	...								
Oct			...	...								
Nov			...	...								
Dec			...	...								

Echinococcus multilocularis (Infection with) (Wild)

Wild

Month	Province	Serotype(s)	New outbreaks	Total outbreaks	Species	Family Name	Latin Name	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccination in response to the outbreak(s)
Jan			0	0										
Feb	Brabant Wallon	No	1	1	fau	Canidae	Vulpes vulpes	Animals	...	1	0	1	0	0
	Hainaut	No	3	3	fau	Canidae	Vulpes vulpes	Animals	...	3	0	3	0	0
	Liège	No	11	11	fau	Canidae	Vulpes vulpes	Animals	...	11	0	11	0	0
	Namur	No	3	3	fau	Canidae	Vulpes vulpes	Animals	...	3	0	3	0	0
Mar			0	0										
Apr			0	0										
May			0	0										
Jun			0	0										
Jul			...	...								
Aug			...	...								
Sep			...	...								
Oct			...	...								

Month	Province	Serotype(s)	New outbreaks	Total outbreaks	Species	Family Name	Latin Name	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccination in response to the outbreak(s)
Nov												
Dec												

Disease information for Belgium Jan-Dec 2018

Brucellosis (*Brucella suis*) (Wild)

Wild

Serotype(s)	New outbreaks	Total outbreaks	Species	Family Name	Latin Name	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccination in response to the outbreak(s)
No	4	4	fau	Suidae	Sus scrofa	Animals	...	4	...	...	...	...

4. Unreported OIE-listed diseases during the reporting period

Multiple species

Anthrax (Wild)	Brucellosis (<i>Brucella abortus</i>) (Wild)	Brucellosis (<i>Brucella melitensis</i>) (Domestic and Wild)
Epizootic haemorrhagic disease (Domestic and Wild)	Heartwater (Wild)	Surra (<i>Trypanosoma evansi</i>) (Domestic and Wild)

Cattle

Bov. genital campylobacteriosis (Wild)	Bovine anaplasmosis (Wild)	Bovine viral diarrhoea (Wild)
Contagious bov. pleuropneumonia (Wild)	Haemorrhagic septicaemia (Wild)	

Sheep/Goats

Caprine arthritis/encephalitis (Wild)	Maedi-visna (Wild)	Salmonellosis (<i>S. abortusovis</i>) (Wild)
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Swine

Transmissible gastroenteritis (Wild)		
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Equidae

Contagious equine metritis (Wild)	Equid herpesvirus-1 (EHV-1) (Infection with) (Wild)	Equine infectious anaemia (Wild)
Equine piroplasmiasis (Wild)	Glanders (Wild)	

Lagomorphs

Rabbit haemorrhagic disease (Wild)		
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Birds

Avian infectious bronchitis (Wild)	Avian mycoplasmosis (<i>M. synoviae</i>) (Wild)	Fowl typhoid (Wild)
Mycoplasmosis (<i>M. gallisepticum</i>) (Wild)	Pullorum disease (Wild)	

Bees

Acarapisosis of honey bees (Wild)	American foulbrood of honey bees (Wild)	European foulbrood of honey bees (Wild)
Varroosis of honey bees (Wild)		

Other

Leishmaniasis (Wild)		
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Fish

Epizootic ulcerative syndrome (Domestic and Wild)	Infection with <i>Gyrodactylus salaris</i> (Domestic and Wild)	Infection with salmonid alphavirus (Domestic and Wild)
Koi herpesvirus disease (Wild)	Red sea bream iridoviral disease (Domestic and Wild)	Viral haemorrhagic septicaemia (Wild)

Molluscs

Infection with abalone herpesvirus (Domestic and Wild)	Infection with <i>Bonamia ostreae</i> (Wild)	Infection with <i>Perkinsus olseni</i> (Domestic and Wild)
Infection with <i>Xenohalotus californiensis</i> (Wild)		

Crustaceans

Acute hepatopancreatic necrosis disease (Domestic and Wild)	Crayfish plague (<i>Aphanomyces astaci</i>) (Domestic and Wild)	Infectious hypodermal and haematopoietic necrosis (Domestic and Wild)
Infectious myonecrosis (Domestic and Wild)	Necrotising hepatopancreatitis (Domestic and Wild)	Taura syndrome (Domestic and Wild)
White tail disease (Domestic and Wild)		

Amphibians

Infection with <i>Batrachochytrium dendrobatidis</i> (Wild)	Infection with <i>Batrachochytrium salamandrivorans</i> (Wild)	
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5. Zoonotic diseases in humans

Disease	No information available	Disease absent	Disease present (number of cases unknown)	Disease present (number of cases known)	Human cases	Human deaths
Anthrax		*				
Avian chlamydiosis			*	
Babesiosis			*	
Bovine tuberculosis			*	
Brucellosis			*	
Camelpox	*			
Campylobacteriosis				*	8056	...
Crimean Congo haemorrhagic fever		*				
Cysticercosis	*			
Ebola virus disease		*				
Echinococcosis/hydatidosis				*	15	...
Equine encephalomyelitis (Eastern)	*			
Equine encephalomyelitis (Western)	*			
Glanders	*			
Hantavirus pulmonary syndrome		*				
Highly pathogenic avian influenza		*				
Japanese encephalitis		*				
Leishmaniasis		*				
Leptospirosis				*	26	...
Marburg virus disease		*				
Monkey pox	*			
New world screwworm (Cochliomyia hominivorax)	*			
Nipah virus encephalitis		*				
Old world screwworm (Chrysomya bezziana)	*			
Q fever				*	18	...
Rabies		*				
Rift Valley fever		*				
Salmonellosis (S. enteritidis, S. typhimurium)				*	2989	...
Swine erysipelas	*			
Toxoplasmosis			*	
Trichinellosis	*			
Trypanosomiasis (T. evansi)		*				
Trypanosomiasis, human African (sleeping sickness)		*				
Tularemia			*	
Variant Creutzfeldt-Jakob disease		*				
Venezuelan equine encephalomyelitis	*			
West Nile Fever		*				

6. Animal population

Species	Production	Total	Units	Number	Units
Bees	Whole country	59836	Hives	8223	Apiaries
Cattle	Whole country	2472479	Animals	25797	Establishments
Dogs	Whole country	2668014	Animals		Establishments
Goats	Whole country	81477	Animals	6007	Establishments
Cervidae	Whole country	14165	Animals	1505	Establishments
Equidae	Whole country	331692	Animals		Establishments
Sheep / goats	Whole country		Animals	3760	Establishments

Species	Production	Total	Units	Number	Units
Sheep	Whole country	206462	Animals	17535	Establishments
Swine	Whole country	5137438	Animals	7453	Establishments
Wild fish	Whole country	14766	Tonnes		Establishments
Wild molluscs	Whole country	1476	Tonnes		Establishments
Wild crustaceans	Whole country	1025	Tonnes		Establishments
Layers	Whole country	10273435	Animals		Establishments
Broilers	Whole country	39147091	Animals		Establishments

7. Veterinarians and veterinary para-professionals

Veterinarians:

	Public sector	Total	Private sector
Animal health and welfare activities	287	5407	5120
Veterinary public health activities	231	231	...
Laboratories	275	275	...
Academic activities and education		104	
Pharmaceutical industry		23	
Private clinical practice		5120	
Others		113	
(specify with a short note)	Inséminateur(104) et parcs animaux(9)		

Veterinary Paraprofessionals

	Public sector	Total	Private sector
Animal health and welfare activities		0	
'Community Animal Health workers'		0	
Veterinary public health activities		0	
Others		0	
(specify with a short note)			

8. National reference laboratories

Name	Contacts	Latitude	Longitude
CER Groupe	DMV, MSc François LIEFFRIG	50.2333	5.3
CODA-CERVA	Directeur Pierre Kerkhofs	50.8	4.33
Hôpital Erasme – Laboratoire de Parasitologie - ULB	Dr. Carine TRUYENS	50.8466	4.3528
Institut de médecine tropicale (IMT)	Directeur Marjan Van Esbroeck	51.2194	4.4025
Institut de Médecine Tropicale d'Anvers	Prof. Philippe Buscher	51.212452	4.397473
Sciensano	Directeur Myriam Sneyers	50.8333	4.3667

9. Diagnostic Tests

Laboratory	Disease	Test Type
CER Groupe	Crayfish plague (Aphanomyces astaci)	polymerase chain reaction (PCR)
	Epizoot. haematopoietic necrosis	pathogen isolation on cell culture
		reverse transcription - polymerase chain reaction (RT-PCR)
	Epizootic ulcerative syndrome	real-time PCR
	Infect. haematopoietic necrosis	pathogen isolation on cell culture
		reverse transcription - polymerase chain reaction (RT-PCR)
	Infection with ranavirus	pathogen isolation on cell culture
		reverse transcription - polymerase chain reaction (RT-PCR)
	Infection with salmonid alphavirus	pathogen isolation on cell culture
		real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
	Infectious salmon anaemia virus (HPR-deleted or HPR0 genotypes) (Infection with)	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
	Koi herpesvirus disease	pathogen isolation on cell culture
		polymerase chain reaction (PCR)
	Spring viraemia of carp	immunocapture ELISA
	pathogen isolation on cell culture	
	reverse transcription - polymerase chain reaction (RT-PCR)	
CODA-CERVA	Viral haemorrhagic septicaemia	immunocapture ELISA
		pathogen isolation on cell culture
		reverse transcription - polymerase chain reaction (RT-PCR)
	Acaraposis of honey bees	microscopic examination
	African horse sickness	antibody detection ELISA
		real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
	African swine fever	pathogen isolation on cell culture
		real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
		chromatographic immunoassay
		microscopic examination
		pathogenic agent isolation on culture
		polymerase chain reaction (PCR)
	Anthrax	pathogenic agent isolation on culture
		polymerase chain reaction (PCR)

Laboratory	Disease	Test Type
	Aujeszky's disease	antibody detection ELISA
		real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
		seroneutralization test (SNT)
		virus isolation
	Avian chlamydiosis	real-time PCR
	Avian infect. laryngotracheitis	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
	Avian infectious bronchitis	real-time PCR
		real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
	Avian mycoplasmosis (<i>M.synoviae</i>)	competitive ELISA (c-ELISA)
	Bluetongue	antibody detection ELISA
		nucleotide sequencing
		real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
		seroneutralization test (SNT)
		virus isolation
		virus neutralisation test (VNT)
	Bov. genital campylobacteriosis	pathogenic agent isolation on culture
	Bovine anaplasmosis	polymerase chain reaction (PCR)
	Bovine spongiform encephalopathy	histopathological examination
		immunohistochemical test
		indirect sandwich ELISA
		western blot
	Bovine tuberculosis	antibody detection ELISA
		gene sequencing
		pathogenic agent isolation on culture
		polymerase chain reaction (PCR)
		real-time PCR
		tuberculin test
	Bovine viral diarrhoea	reverse transcription - polymerase chain reaction (RT-PCR)
		seroneutralization test (SNT)
		virus isolation
	Brucellosis (<i>Brucella abortus</i>)	antibody detection ELISA
		complement fixation test (CFT)
		optical microscopy
		pathogenic agent isolation on culture
		plate agglutination test
		rapid serum agglutination (RSA)
		rose bengal test (RBT)
		tube agglutination test (TAT)
	Brucellosis (<i>Brucella melitensis</i>)	antibody detection ELISA
		complement fixation test (CFT)
		optical microscopy
		pathogenic agent isolation on culture
		rose bengal test (RBT)
	Brucellosis (<i>Brucella suis</i>)	antibody detection ELISA
		complement fixation test (CFT)
		optical microscopy
		pathogenic agent isolation on culture
		rose bengal test (RBT)
	Caprine arthritis/encephalitis	agar-gel immunodiffusion (AGID)
		real-time PCR
	Classical swine fever	pathogen isolation on cell culture
		real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
		seroneutralization test (SNT)
	Contagious agalactia	polymerase chain reaction (PCR)
	Contagious bov. pleuropneumonia	antibody detection ELISA
	Contagious equine metritis	pathogenic agent isolation on culture
		polymerase chain reaction (PCR)
	Crimean Congo haemorrhagic fever	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
	Dourine	complement fixation test (CFT)
	Duck virus hepatitis	electron microscopy
	Encephalomyelitis (West.)	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
	Enzootic abortion (chlamydiosis)	complement fixation test (CFT)
		pathogenic agent isolation on culture
	Enzootic bovine leukosis	agar-gel immunodiffusion (AGID)
	Epizootic haemorrhagic disease	antibody detection ELISA
		real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
	Equine encephalomyelitis (Eastern)	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
	Equine infectious anaemia	Coggin's test

Laboratory	Disease	Test Type
	Equine rhinopneumonitis	histopathological examination
		real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
		virus isolation
	Equine viral arteritis	pathogenic agent isolation on culture
		real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
		seroneutralization test (SNT)
		virus isolation
	European foulbrood of honey bees	chromatographic immunoassay
		microscopic examination
		pathogenic agent isolation on culture
		polymerase chain reaction (PCR)
	Foot and mouth disease	antibody detection ELISA
		ELISA 3ABC
		nucleotide sequencing
		real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
		seroneutralization test (SNT)
		typing ELISA
		virus isolation
		virus neutralisation test (VNT)
	Fowl typhoid	pathogenic agent isolation on culture
		plate agglutination test
	Glanders	complement fixation test (CFT)
		pathogenic agent isolation on culture
		polymerase chain reaction (PCR)
	Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
	Inf.bov.rhinotracheit. (IBR/IPV)	competitive ELISA (c-ELISA)
		indirect ELISA
		real-time PCR
		seroneutralization test (SNT)
	Infec bursal disease (Gumboro)	indirect fluorescent antibody (IFA) test
	Japanese encephalitis	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
	Leishmaniosis	indirect fluorescent antibody (IFA) test
		optical microscopy
	Leptospirosis	competitive ELISA (c-ELISA)
		direct immunofluorescence (DIF) test
		IgM-capture ELISA
		microscopic agglutination test (MAT)
		optical microscopy
		pathogenic agent isolation on culture
		serotyping
	Low pathogenic avian influenza (poultry)	competitive ELISA (c-ELISA)
		haemagglutination inhibition test (HIT)
		pathogen isolation by egg inoculation
	Lumpy skin disease	immunoperoxidase monolayer assay (IPMA)
		nucleotide sequencing
		real-time PCR
		virus isolation
		virus neutralisation test (VNT)
	Maedi-visna	agar-gel immunodiffusion (AGID)
		real-time PCR
	Marek's disease	histopathological examination
		pathogen isolation on cell culture
	Mycoplasmosis (M. gallisepticum)	competitive ELISA (c-ELISA)
		plate agglutination test
		real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
	Myxomatosis	electron microscopy
		histopathological examination
	Newcastle disease	haemagglutination inhibition test (HIT)
		pathogen isolation by egg inoculation
		real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
	Ovine epididymitis (B. ovis)	complement fixation test (CFT)
		optical microscopy
		pathogenic agent isolation on culture
	Paratuberculosis	agar-gel precipitation (AGP) test
		antibody detection ELISA
		complement fixation test (CFT)
		gene sequencing
		histopathological examination
		immunohistochemical test
		optical microscopy

Laboratory	Disease	Test Type
		pathogen isolation on cell culture
		real-time PCR
		tuberculin test
	Peste des petits ruminants	antibody detection ELISA
	Porcine reproductive/respiratory syndr.	gene sequencing
		real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
		seroneutralization test (SNT)
	Pullorum disease	pathogenic agent isolation on culture
		plate agglutination test
	Q fever	antibody detection ELISA
		complement fixation test (CFT)
		pathogen isolation on cell culture
		polymerase chain reaction (PCR)
	Rabbit haemorrhagic disease	electron microscopy
		haemagglutination (HA) test
		haemagglutination inhibition test (HIT)
		histopathological examination
	Rift Valley fever	antibody detection ELISA
		real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
	Scrapie	histopathological examination
		immunohistochemical test
		indirect sandwich ELISA
		western blot
	Sheep pox and goat pox	immunoperoxidase monolayer assay (IPMA)
		nucleotide sequencing
		real-time PCR
		virus isolation
		virus neutralisation test (VNT)
	Small hive beetle infestation	microscopic examination
	Swine vesicular disease	antibody detection ELISA
		ELISA 3ABC
		nucleotide sequencing
		real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
		seroneutralization test (SNT)
		typing ELISA
		virus isolation
		virus neutralisation test (VNT)
	Transmissible gastroenteritis	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
	Trichomonosis	optical microscopy
		pathogenic agent isolation on culture
	Tropilaelaps infestation of honey bees	microscopic examination
	Tularemia	IgG-capture ELISA
		pathogenic agent isolation on culture
		reverse transcription - polymerase chain reaction (RT-PCR)
	Varroosis of honey bees	optical microscopy
	Venezuelan equ.encephalomyelitis	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
	Vesicular stomatitis	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
		seroneutralization test (SNT)
		virus isolation
		virus neutralisation test (VNT)
	West Nile Fever	competitive ELISA (c-ELISA)
		IgM-capture ELISA
		real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
		seroneutralization test (SNT)
Hôpital Erasme – Laboratoire de Parasitologie - ULB	Echinococcus multilocularis (Infection with)	optical microscopy
Institut de médecine tropicale (IMT)	Surra (Trypanosoma evansi)	antibody detection ELISA
		optical microscopy
		polymerase chain reaction (PCR)
	Trichinellosis	optical microscopy
Institut de Médecine Tropicale d'Anvers	Avian chlamydiosis	indirect ELISA
		nested RT-PCR
		pathogen isolation on cell culture
		real-time PCR
Sciensano	Rabies	direct immunofluorescence (DIF) test
		nucleotide sequencing
		real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
	Salmonellosis (S. abortusovis)	bacteriological examination
		nucleotide sequencing
		polymerase chain reaction (PCR)

Laboratory	Disease	Test Type
		serotyping

10. Vaccine Manufacturers

Manufacturer	Contacts	Year of start of activity	Year of cessation of activity
Zoetis Belgium SA	Monsieur Olivier Sels	0	

11. Vaccines

Disease	Manufacturer	Vaccine	Vaccine type	Year of start of production	Year of end of production (if production ended)	
Inf.bov.rhinotracheit. (IBR/IPV)	Zoetis Belgium SA	CattleMaster 4 - 25 DS	Live Attenuated Vaccine	2013		
	Zoetis Belgium SA	CattleMaster 4 - 5 DS	Live Attenuated Vaccine	2013		
	Zoetis Belgium SA	CATTLEMASTER RIP - 25 DS	Live Attenuated Vaccine	2010		
	Zoetis Belgium SA	CATTLEMASTER RIP - 5 DS	Live Attenuated Vaccine	2010		
	Zoetis Belgium SA	Imuresp RP	Live Attenuated Vaccine	2013		
	Zoetis Belgium SA	Rispoval 4 (fraction liquide)	Inactivated Vaccine	2013		
	Zoetis Belgium SA	Rispoval IBR inactivatum - 10 DS	Inactivated Vaccine	2013		
	Zoetis Belgium SA	Rispoval IBR inactivatum - 50 DS	Live Attenuated Vaccine	2013		
	Zoetis Belgium SA	Rispoval IBR vivum - 10 DS	Live Attenuated Vaccine	2013		
	Zoetis Belgium SA	Rispoval IBR vivum - 50 DS	Live Attenuated Vaccine	2013		
	Zoetis Belgium SA	Trachérine	Live Attenuated Vaccine	2013		
	Rabies	Zoetis Belgium SA	Vanguard Rabies	Inactivated Vaccine	2017	2018
		Zoetis Belgium SA	Versifel CVR-T (fraction liquide)	Inactivated Vaccine	2009	

12. Vaccine production

Manufacturer	Vaccine	Doses produced	Doses exported
Zoetis Belgium SA	CattleMaster 4 - 25 DS	3104050	3104050
Zoetis Belgium SA	CattleMaster 4 - 5 DS	290475	290475
Zoetis Belgium SA	CATTLEMASTER RIP - 25 DS	145375	145375
Zoetis Belgium SA	CATTLEMASTER RIP - 5 DS	40860	40860
Zoetis Belgium SA	Imuresp RP	96290	96290
Zoetis Belgium SA	Rispoval 4 (fraction liquide)	1265140	1265140
Zoetis Belgium SA	Rispoval IBR inactivatum - 10 DS	547250	547250
Zoetis Belgium SA	Rispoval IBR inactivatum - 50 DS	1071900	1071900
Zoetis Belgium SA	Rispoval IBR vivum - 10 DS	1184020	1184020
Zoetis Belgium SA	Rispoval IBR vivum - 50 DS	2389700	2389700
Zoetis Belgium SA	Trachérine	112890	112890
Zoetis Belgium SA	Versifel CVR-T (fraction liquide)	62975	62975