

Bluetongue

28/11/2016



BT- Epidemiological Situation in Italy in 2015

BTV 1 and BTV 4

BTV 1



BTV 4

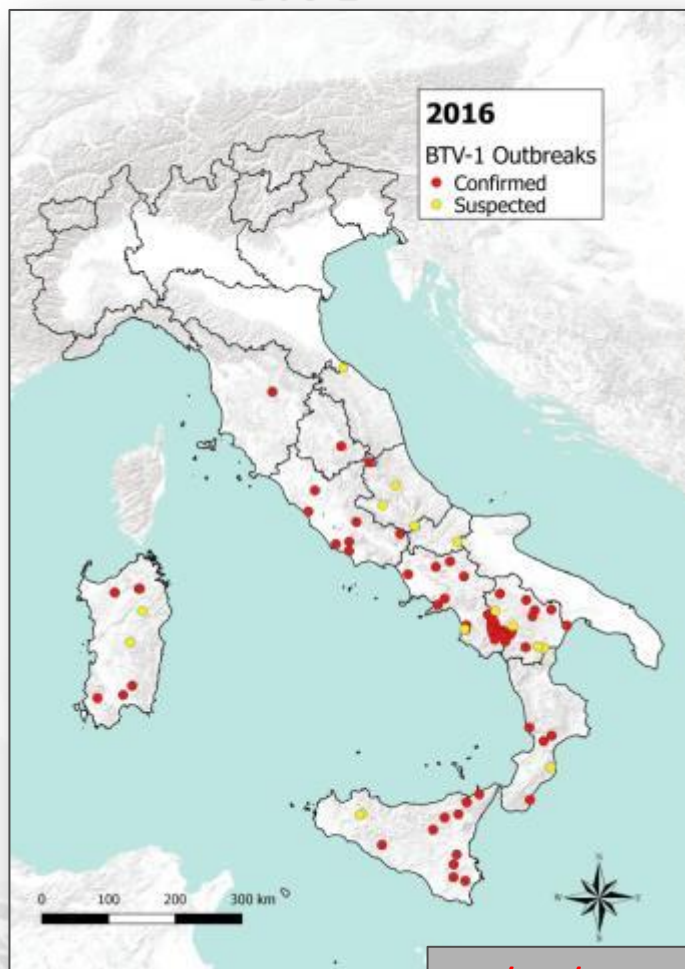


01/01/2015 – 31/12/2015

BT- Epidemiological Situation in Italy in 2016

BTV 1 and BTV 4

BTV 1



BTV 4



01/01/2016 – 28/11/2016



BTV- 4 spreading in Italy in 2016





IZSAM G. CAPORALE
TERAMO

Legend

BTV-4 circulation

■ January-July 2016



BTV-4 spreading in Italy in 2016



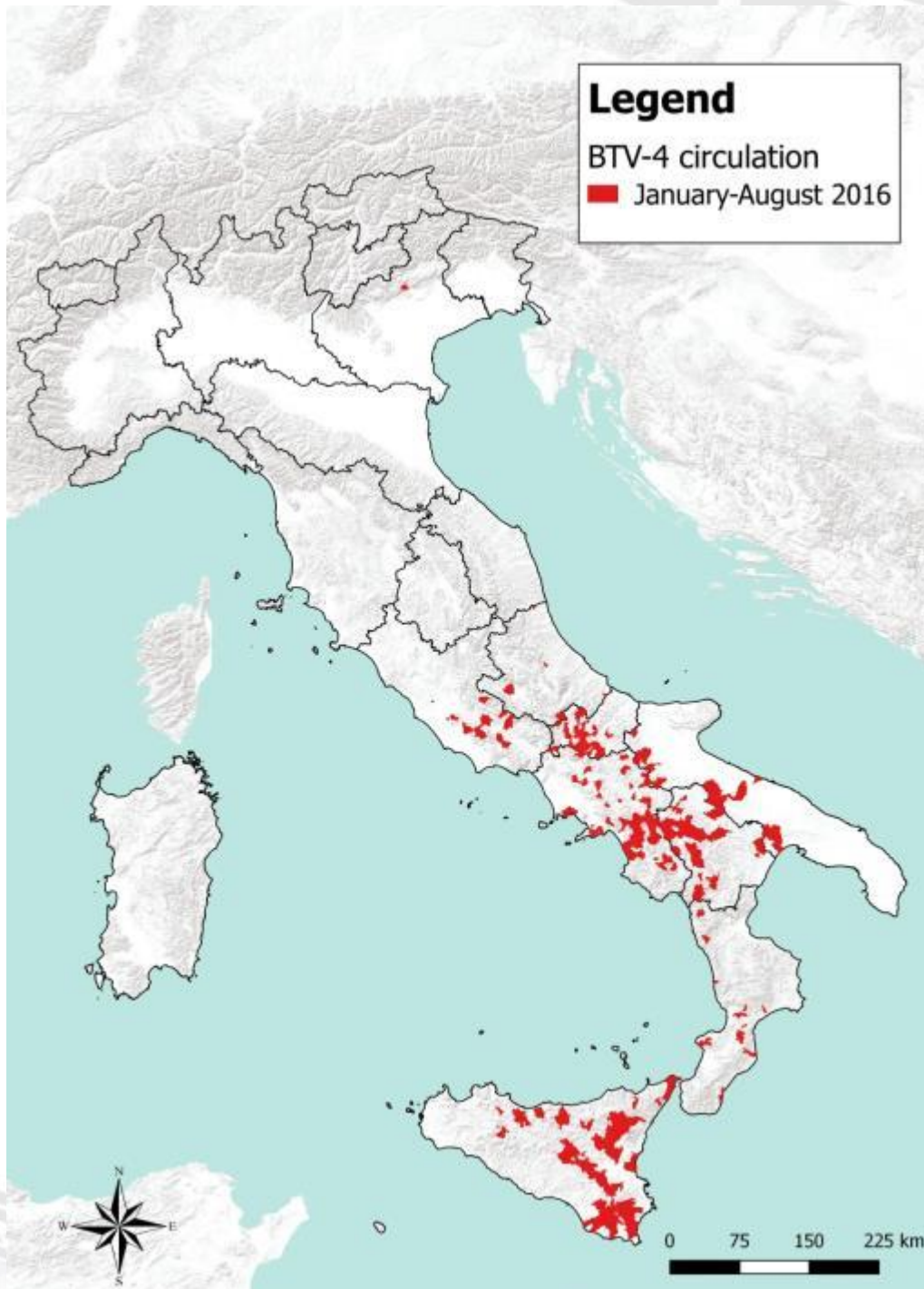


IZSAM G. CAPORALE
TERAMO

Legend

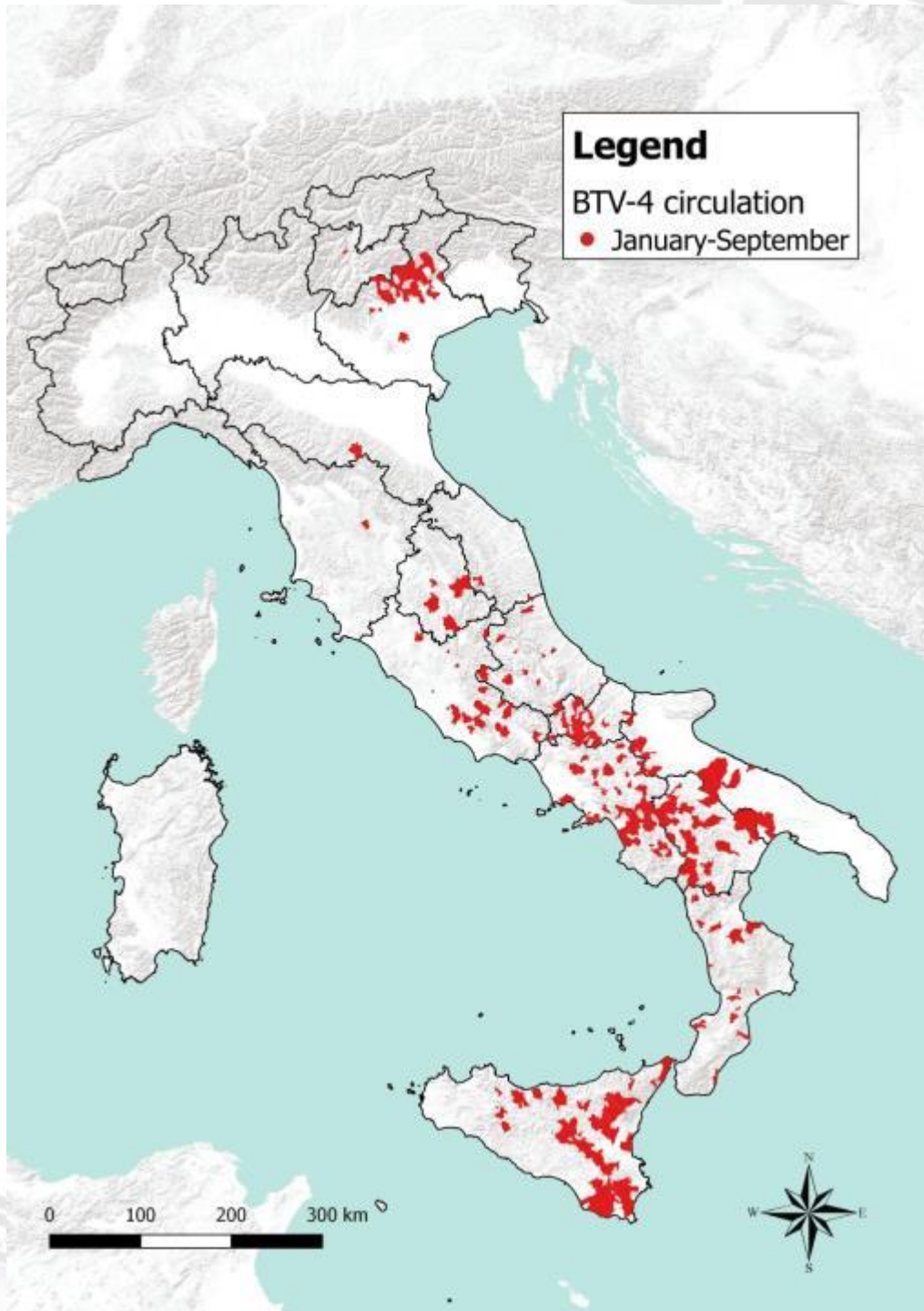
BTV-4 circulation

■ January-August 2016



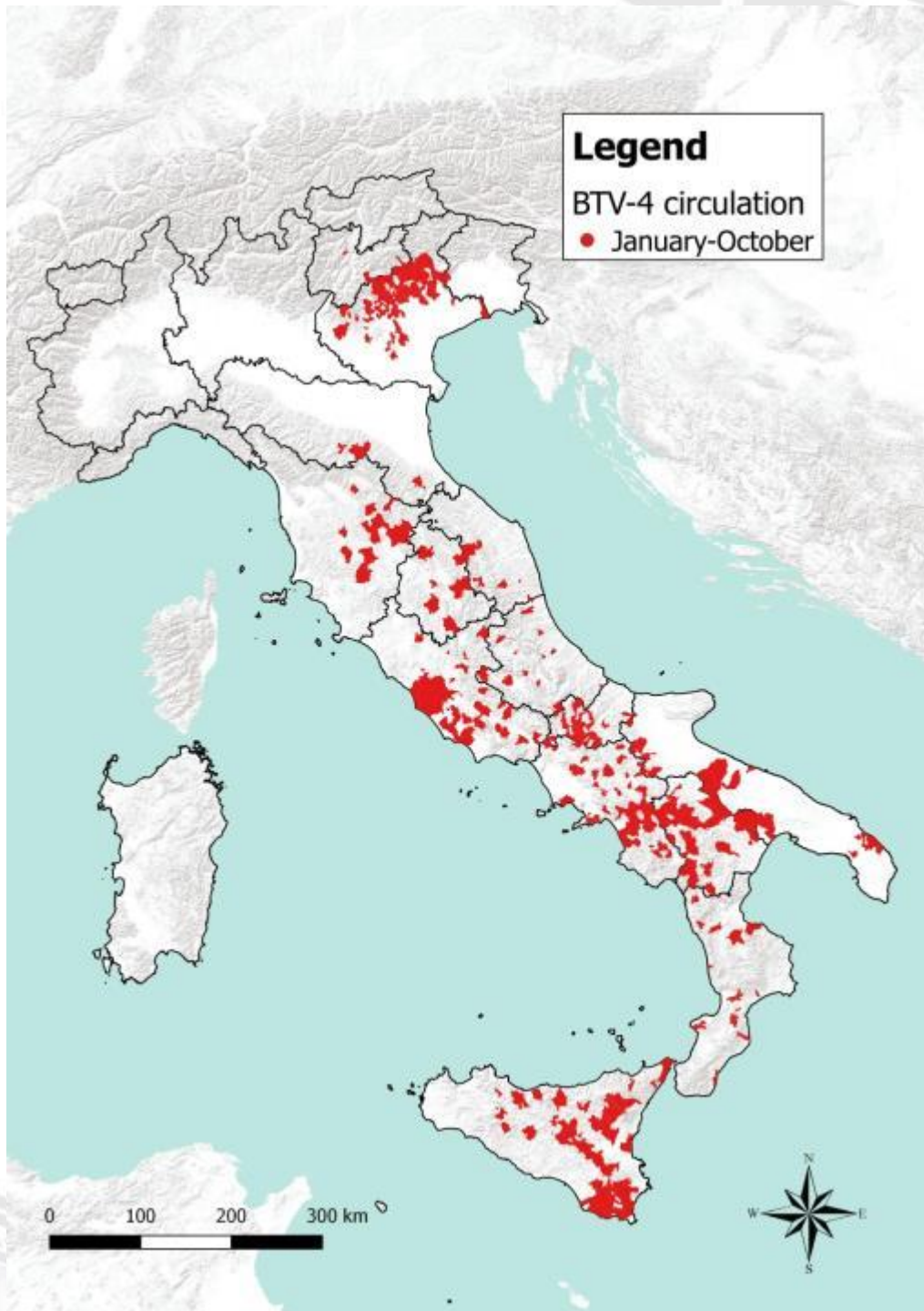
BTV-4 spreading in Italy in 2016





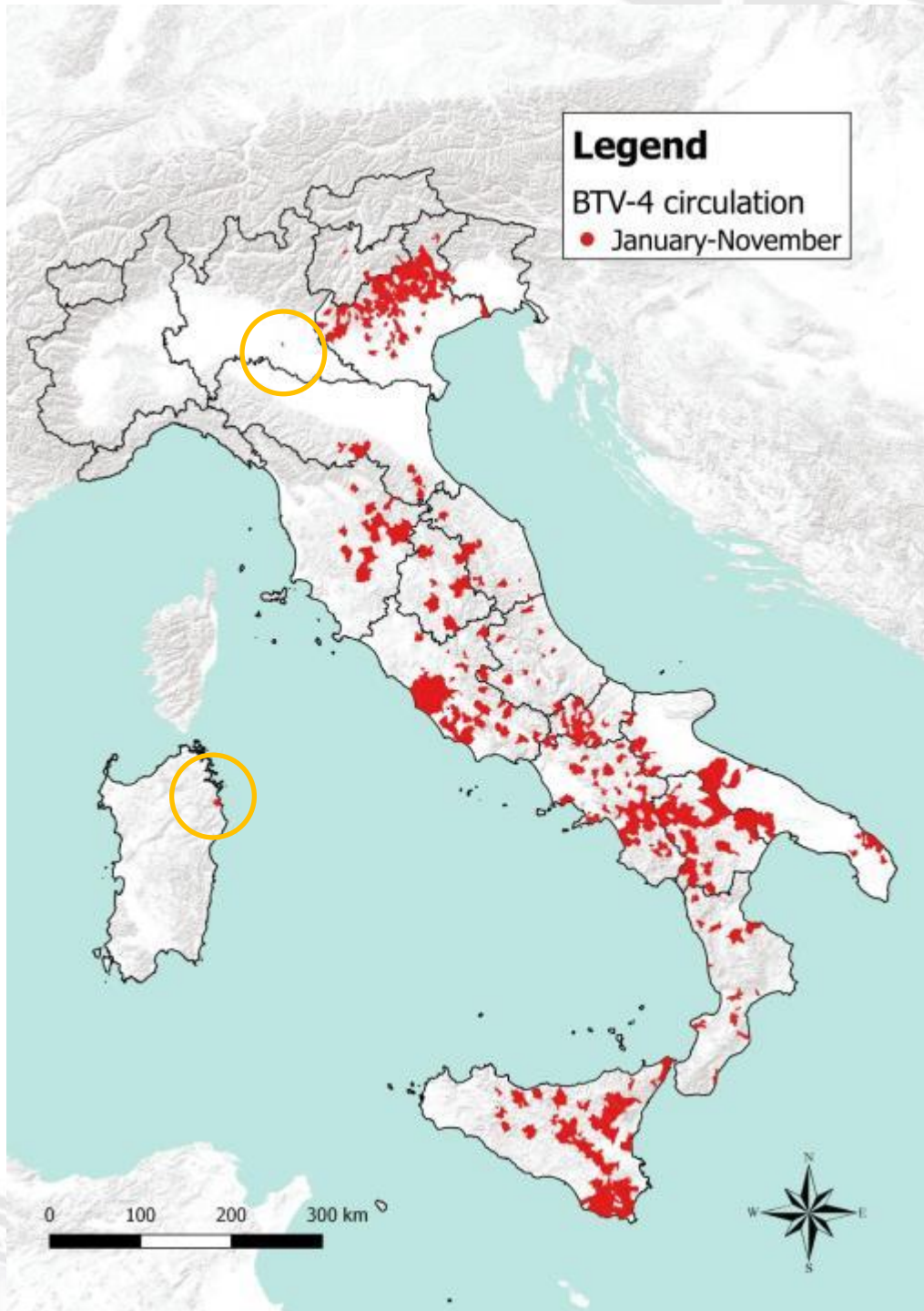
BTV-4 spreading in Italy in 2016





BTV-4 spreading in Italy in 2016





BTV-4 spreading in Italy in 2016

01/01/2016 -28/11/2016



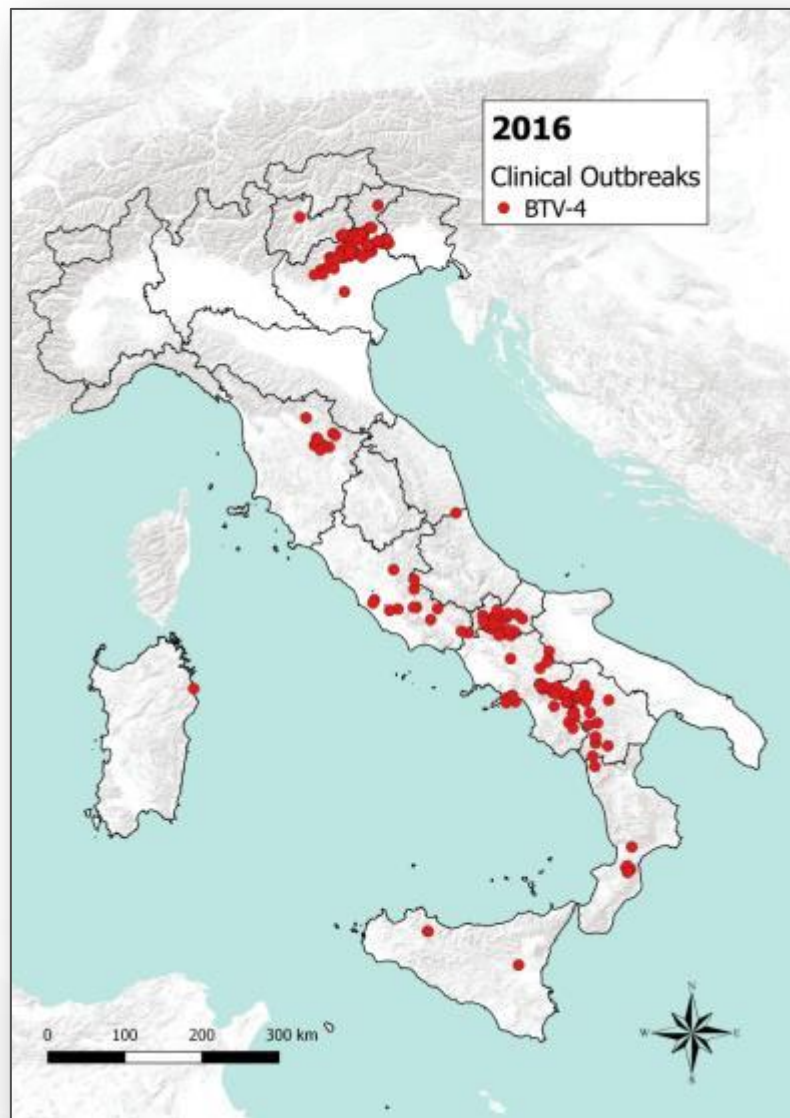


BT- Epidemiological situation in Italy clinical outbreaks

 **CESME**
Centro di Riferenza Nazionale



Source:
SIMAN



2016

01/01/2016 – 28/11/2016





Source:
SIMAN

2016

BT- Epidemiological situation in Italy

confirmed outbreaks— 1/01/2016-28/11/2016



Region	Serotype	Confirmed outbreaks	CATTLE/BUFFALOES				SHEEP/GOATS			
			Susceptible	Cases	Clinically affected	Deaths	Susceptible	Cases	Clinically affected	Deaths
ABRUZZO	BTV-4	14	375	12	0	0	1091	31	17	16
BASILICATA	Serotyping is ongoing	3	171	3	0	0	231	65	64	10
	BTV-1	12	2173	16	0	0	260	3	0	0
CALABRIA	BTV-4	88	3045	58	0	0	5609	290	183	120
	BTV-1	4	83	3	0	0	60	1	0	0
CAMPANIA	BTV-4	40	380	28	0	0	2277	154	67	38
	Serotyping is ongoing	2					257	4	4	2
EMILIA ROMAGNA	BTV-1	35	1145	28	0	0	43	43	0	0
	BTV-4	106	2274	166	42	0	10577	812	764	229
FRIULI VENEZIA GIULIA	BTV-4	19	1264	63	0	0				
LAZIO	BTV-4	3					159	9	8	1
	BTV-1	8	1293	10	1	0	243	2	0	0
LOMBARDIA	BTV-4	32	1208	34	1	0	6737	57	48	18
	BTV-4	2	73	2	0	0				
MARCHE	BTV-4	7	122	2	0	0	477	14	10	2
MOLISE	BTV-4	53	629	31	0	0	15830	814	799	463
PUGLIA	Serotyping is ongoing	1					37	1	0	0
	BTV-4	32	983	71	0	0	258	3	1	0
SARDEGNA	BTV-1	7	147	3	1	0	2104	8	0	0
	BTV-4	1					211	16	13	6
SICILIA	Serotyping is ongoing	1	21	1	0	0				
	BTV-1	10	589	23	0	0				
	BTV-4	79	4053	284	7	0	1966	76	70	1
TOSCANA	BTV-1	2	33	1	0	0	3	0	0	0
	BTV-4	28	514	39	13	12	2346	115	70	39
TRENTO	BTV-4	6	138	12	0	0	42	2	2	1
UMBRIA	BTV-1	1	91	1	0	0				
	BTV-4	7	533	10	0	0				
VENETO	BTV-4	369	22466	1761	8	1	5074	125	111	21
Total		972	43803	2662	73	13	55892	2645	2231	967

Moreover in Veneto Region 2 mouflons, 1 fallow deer and 1 yak have been confirmed as affected by BTV-4



BT- Epidemiological situation in Italy

Confirmed and suspected outbreaks— 1/01/2016-28/11/2016

Source:
SIMAN

2016

Region	Serotype	Outbreaks		
		Confirmed	Suspected	Total
ABRUZZO	BTV-1	0	3	3
	BTV-4	14	6	20
BASILICATA	BTV-1	12	3	15
	BTV-4	88	8	96
	Serotyping is ongoing	3		3
CALABRIA	BTV-1	4	2	6
	BTV-4	40	4	44
	Serotyping is ongoing	0	1	1
CAMPANIA	BTV-1	35	1	36
	BTV-4	106	11	117
	Serotyping is ongoing	2	10	12
EMILIA ROMAGNA	BTV-4	19		19
	Serotyping is ongoing	0	2	2
FRIULI VENEZIA GIULIA	BTV-4	3		3
	Serotyping is ongoing	0	2	2
LAZIO	BTV-1	8		8
	BTV-4	32	1	33
	Serotyping is ongoing	0	5	5
LOMBARDIA	BTV-4	2		2
	Serotyping is ongoing	0	1	1
MARCHE	BTV-1	0	1	1
	BTV-4	7	1	8
	Serotyping is ongoing	0	1	1
MOLISE	BTV-1	0	1	1
	BTV-4	53	7	60
	BTV-9	0	1	1
PUGLIA	Serotyping is ongoing	0	2	2
	BTV-4	32	4	36
	Serotyping is ongoing	1	1	2
SARDEGNA	BTV-1	7	2	9
	BTV-4	1		1
SICILIA	Serotyping is ongoing	0	2	2
	BTV-1	10	3	13
	BTV-4	79	5	84
TOSCANA	Serotyping is ongoing	1	8	9
	BTV-1	2		2
	BTV-4	28		28
TRENTO	Serotyping is ongoing	0	5	5
	BTV-4	6		6
UMBRIA	BTV-1	1		1
	BTV-4	7		7
VENETO	BTV-4	369		369
Total		972	104	1.076

BTV-1:
79 total outbreaks
confirmed

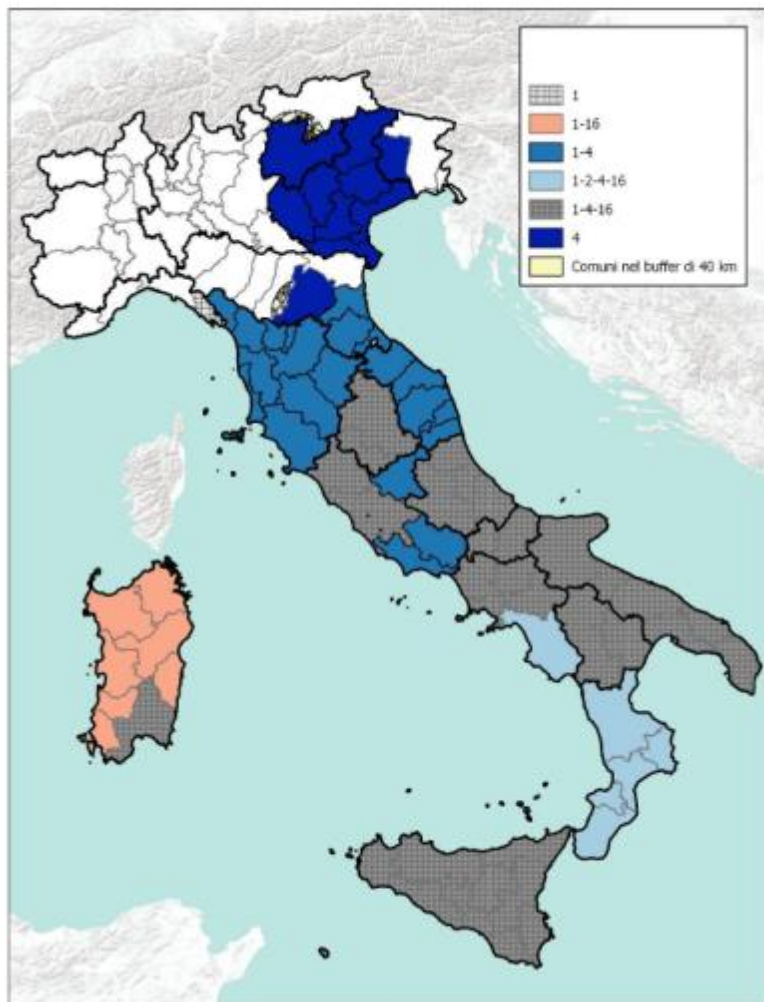
BTV-4:
886 total outbreaks
confirmed



REGION	SEROTYPE	CATTLE/BUFFALOES			SHEEP/GOATS		
		1 st inoculation	2 nd inoculation	Annual recall	1 st inoculation	2 nd inoculation	Annual recall
ABRUZZO	BTV-1	195	183		1.147	207	3
	BTV1-4	370	347		7.937	86	
	BTV-4	6			3.310		
BASILICATA	BTV-1	1.316	1.244		742	367	
	BTV1-4	3.112	2.450	33	800	470	
	BTV2-4	58					
	BTV-4	91	156		195		
CALABRIA	BTV-1	1.265	179	67	74.723	69.358	
	BTV1-4	112	34		293		
	BTV1-8	6	6				
	BTV2-4		16		43		
CAMPANIA	BTV-4	1.115	275		72.266	2.529	
	BTV-1	140	106		236	212	
	BTV1-4	88	76				
EMILIA ROMAGNA	BTV-4	154	186				
	BTV-1	4.237	4.274	3.870	1.782	860	7.029
	BTV1-4	21.091	2.775	76	904	32	
	BTV-4	2	5				
	BTV-8	10				6	26
FRIULI VENEZIA GIULIA	BTV-9						69
	BTV-4	36	36				
LAZIO	BTV-1	7.020	5.339	2.500	9.111	6.067	17.907
	BTV1-8	380	261	131	60		830
	BTV-4	6.334	4.282	74	3.587	69	
LIGURIA	BTV-1	143	239	35	175	303	85
LOMBARDIA	BTV-8	7					
MARCHE	BTV-1	11.414	10.055	25.029	15.952	10.493	72.241
	BTV1-4	11	1	4	1	2	
	BTV1-8				21		115
	BTV2-4			3			
	BTV-4	23	32	13			
	BTV-8	6	4	6	27	10	83
Total		58.742	32.561	31.841	193.312	91.071	98.388

REGION	SEROTYPE	CATTLE/BUFFALOES			SHEEP/GOATS		
		1 st inoculation	2 nd inoculation	Annual recall	1 st inoculation	2 nd inoculation	Annual recall
MOLISE	BTV-1	146	23		7	138	
	BTV1-4	176	109		4.048	787	
	BTV1-8				99		
	BTV2-4	117					
	BTV-4	23	23		5		
PIEMONTE	BTV-8	2.190	2.082				
TRENTINO - ALTO ADIGE (TN)	BTV-1				5		
	BTV-4	6.324	1.525		6.743		
PUGLIA	BTV-1	1.300	1.542	404	675	585	
	BTV1-4	166	94	238	560		
	BTV2-4	970	803	22	1.169	1.093	
	BTV-4	1.194	827	550	1.082	1.473	
SARDEGNA	BTV-1	43.186	27.449	54.152	632.765	846.745	1.119.382
	BTV1-4		12	6	70		258
	BTV1-8	20	2		1.464	510	4.382
	BTV2-4	2.553	302	2.028	88.137	25.313	52.643
	BTV-4	71	143	160	78	62	
	BTV-8	16	39	57			
SICILIA	BTV-1	5.392	4.649	8	397	626	150
	BTV1-4	4.261	4.386	2	474	89	
	BTV2-4	130	58		199		
	BTV-4	4.266	3.919	7	372	372	
TOSCANA	BTV-1	4.155	4.496	2.049	2.633	2.669	542
	BTV1-4	1.819	84	50	145		
	BTV1-8		91				
	BTV-4	1.668			290		
UMBRIA	BTV-8	52					
	BTV-1	9.682	8.626	22.270	13.395	10.716	64.005
	BTV1-4	627	351		623	227	9
	BTV-4	647	70		420	1	19
VENETO	BTV-8	2					
	BTV-4	379	295				
Total		91.532	62.000	82.003	755.855	891.406	1.241.390

Restriction Zones



REGIONE	PROVINCIA	COMUNI	SIEROTIPO
ABRUZZO	TUTTE LE PROVINCE	TUTTI I COMUNI	BTV 1-4-16
BASILICATA	TUTTE LE PROVINCE	TUTTI I COMUNI	BTV 1-4-16
CALABRIA	TUTTE LE PROVINCE	TUTTI I COMUNI	BTV 1-2-4-16
CAMPANIA	SALERNA	TUTTI I COMUNI	BTV 1-2-4-16
CAMPANIA	AVELLINO - CASERTA - NAPOLI - BENEVENTO	TUTTI I COMUNI	BTV 1-4-16
EMILIA ROMAGNA	RAVENNA - FORLÌ CESENA - RIMINI	TUTTI I COMUNI	BTV 1-4
EMILIA ROMAGNA	BOLOGNA	TUTTI I COMUNI	BTV 4
EMILIA ROMAGNA	MODENA	CASTELFRANCO EMILIA CASTELVETRO DI MODENA GUGLIA MARANO SUL PANARO MONTESE	BTV 4

		PAVULLO NEL FRIGNANO SAN CESARIO SUL PANARO SAVIGNANO SUL PANARO SPILAMBERTO VIGNOLA ZOCCA	
FRIULI VENEZIA GIULIA	PORDENONE	TUTTI I COMUNI	BTV 4
LAZIO	ROMA - VITERBO	TUTTI I COMUNI	BTV 1-4-16
LAZIO	LATINA - FROSINONE- RIETI	TUTTI I COMUNI	BTV 1-4
LIGURIA	LA SPEZIA	TUTTI I COMUNI	BTV 1
MARCHE	TUTTE LE PROVINCE	TUTTI I COMUNI	BTV 1-4
MOLISE	TUTTE LE PROVINCE	TUTTI I COMUNI	BTV 1-4-16
PUGLIA	TUTTE LE PROVINCE	TUTTI I COMUNI	BTV 1-4-16
SARDEGNA	CARBONIA IGLESIAS - MEDIO CAMPIDANO - NUORO - OGLIASTRA - OLBIA TEMPIO - ORISTANO - SASSARI	TUTTI I COMUNI	BTV 1-16
SARDEGNA	CAGLIARI	TUTTI I COMUNI	BTV 1-4-16
SICILIA	TUTTE LE PROVINCE	TUTTI I COMUNI	BTV 1-4-16
TOSCANA	TUTTE LE PROVINCE	TUTTI I COMUNI	BTV 1-4
UMBRIA	TUTTE LE PROVINCE	TUTTI I COMUNI	BTV 1-4-16
VENETO	TUTTE LE PROVINCE	TUTTI I COMUNI	BTV 4
PROV. AUT. DI TRENTO	TRENTO	TUTTI I COMUNI	BTV 4
PROV. AUTONOM. BOLZANO	TUTTA LA PROVINCIA	ANDRIANO APPIANO SULLA STRADA DEL VINO BOLZANO* BRONZOLO CALDARO SULLA STRADA DEL VINO CORTACCIA SULLA STRADA DEL VINO CORTINA SULLA STRADA DEL VINO EGNA GARGAZZONE LAIVES NALLES ORA SALORNO TERLANO TERMENO SULLA STRADA DEL VINO	BTV 4

* Non tutto il comune di Bolzano sarà soggetto a restrizione ma solo l'area a sud delle vie E. Mattei e A. Enstein.

27/10/2016

