



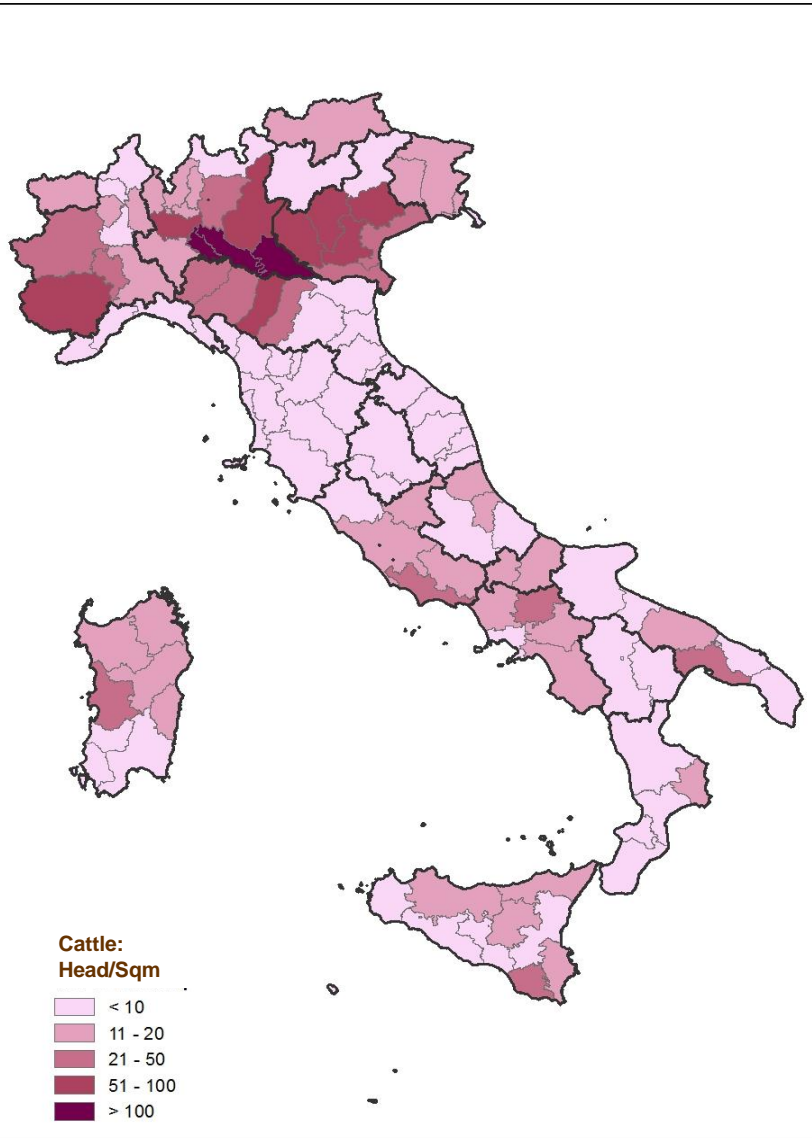
Ministero della Salute

Direzione generale della sanità animale e dei farmaci veterinari

Italy information on the results of the implementation of the bovine brucellosis and sheep and goat brucellosis eradication programmes in 2019

SCoPAFF 18/19 June 2020

B O V I N E – herds/animals distribution

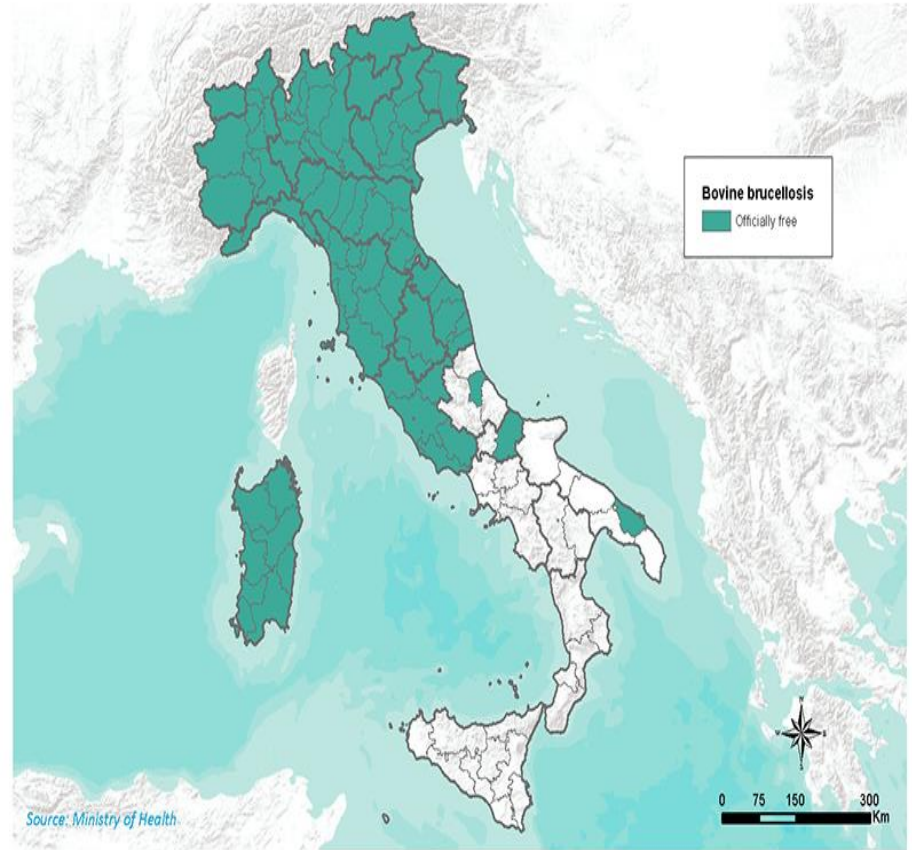


YEAR	NR. OF HERDS COUNTRYWIDE	NR. OF HERDS IN NON-OBF TERRITORIES	
		Total	To be Tested
2015	96.389	40.025	32.400
2016	94.977	39.835	32.188
2017	90959	38699	31087
2018	95979	37528	30174
2019	88917	35128	28902

YEAR	NR. OF ANIMALS COUNTRYWIDE	NR. OF ANIMALS IN NON-OBF TERRITORIES	
		Total	To be Tested
2015	3.807.610	1.120.279	783.449
2016	4.145.535	1.114.434	788.925
2017	3.237.828	1.130.770	769.997
2018	3.599.600	1.127.679	780.045
2019	3.521.633	1.066.616	744.987

BOVINE - Territories OBF and NOBF

Italian Regions	Italian BB-OBF Territories
Emilia-Romagna	Whole Region
Lombardia	Whole Region
Marche	Whole Region
Sardegna	Whole Region
Toscana	Whole Region
Trentino Alto Adige	Whole Region
Umbria	Whole Region
Piemonte	Whole Region
Friuli Venezia Giulia	Whole Region
Liguria	Whole Region
Veneto	Whole Region
Lazio	Whole Region
Abruzzo	Province of Pescara
Molise	Province of Campobasso
Puglia	Province of Brindisi
Valle d'Aosta	Whole Region
TOTAL	More than 13 Region and 7 Provinces or 74 Provinces



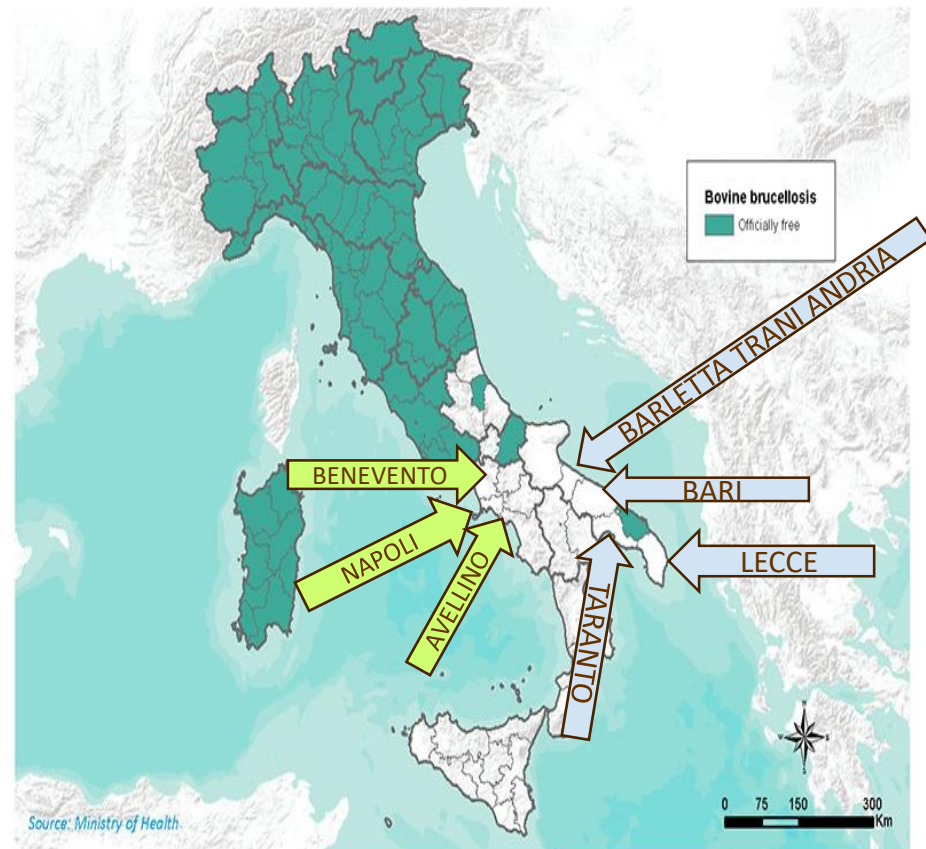
***Commission Decision
2020/552/EU**

B O V I N E – new Territories OBF and NOBF

Italian Regions that have reached the conditions of OBF	Italian BB-OBF Territories
*Puglia	Provinces of: BARI, BARLETTA - TRANI-ANDRIA, LECCE and TARANTO
**Campania	Provinces of: AVELLINO; BENEVENTO and NAPOLI
TOTAL	7 Provinces

*request under evaluation by the Commission.

** request in course of preparation by the Campania Region.

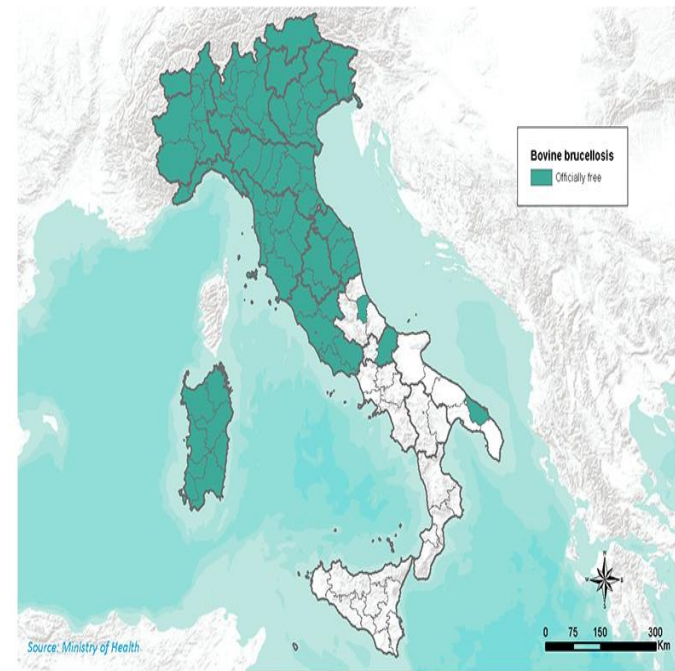
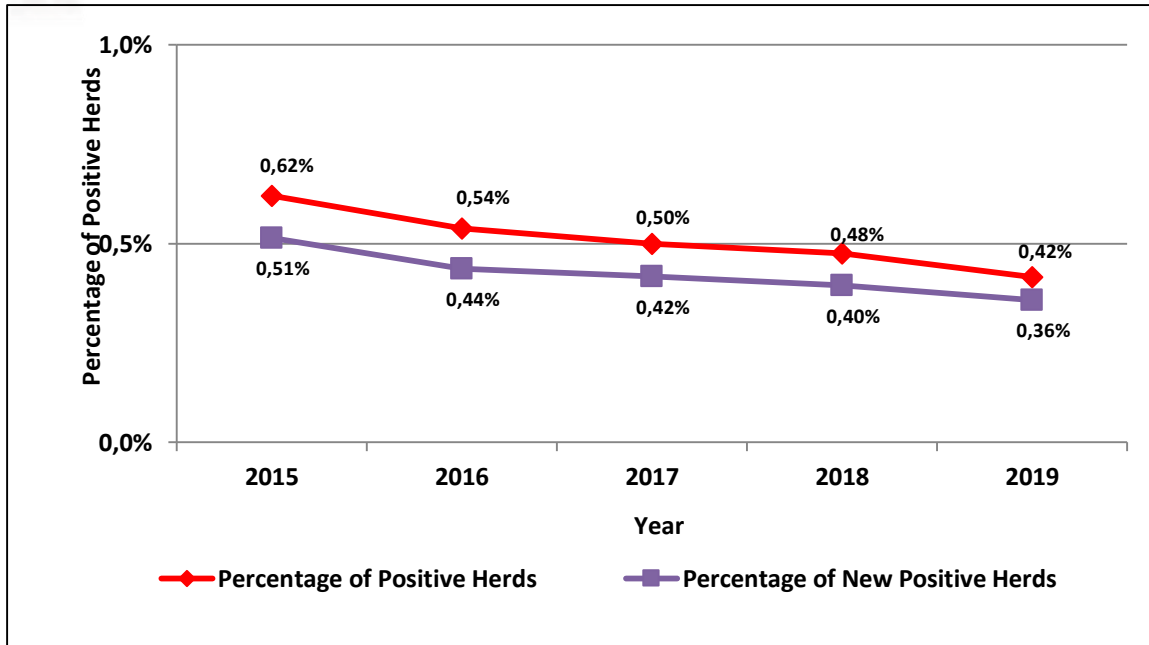


**Commission Decision
2020/552/EU**

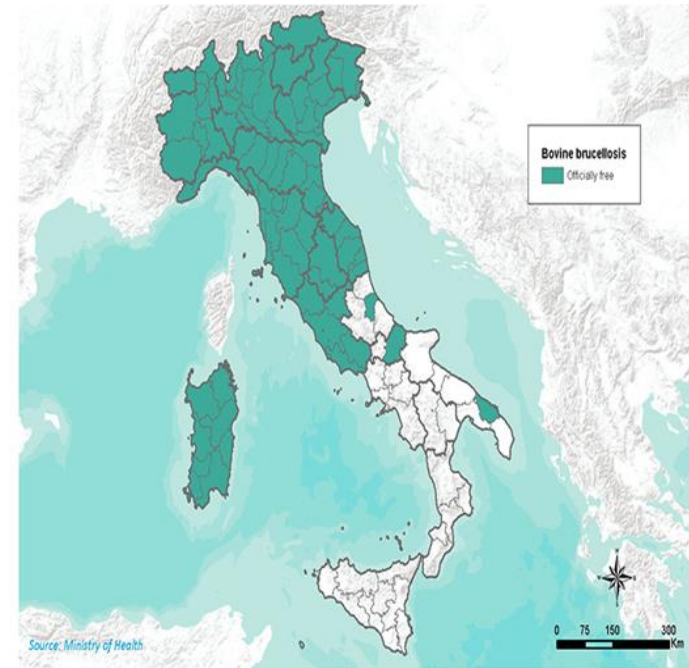
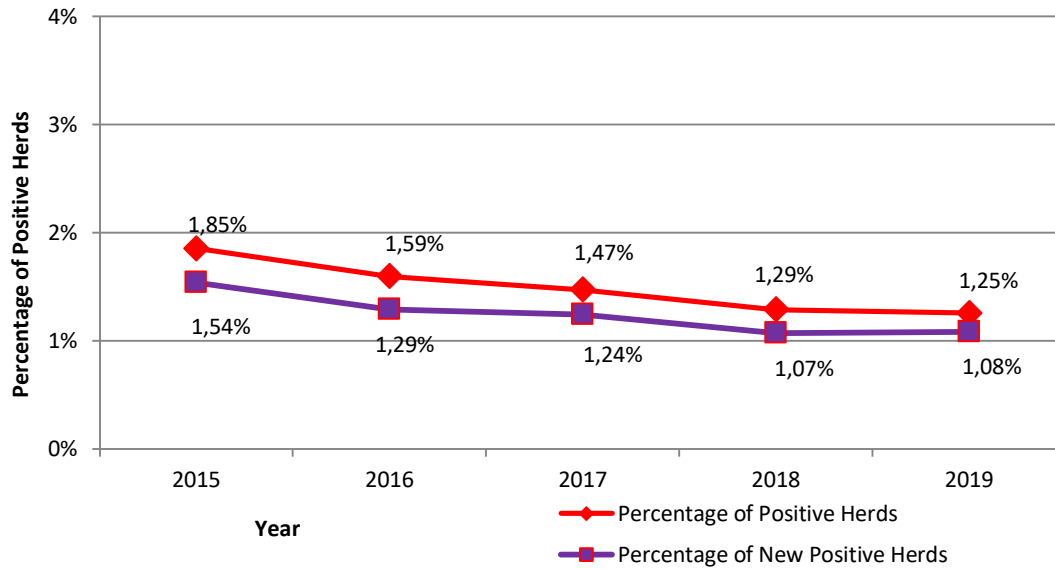
B O V I N E - Territories NOBF

REGIONS	Total number of herds	Total number of herds under the program	Total number of herd controlled	Indicators		
				% of control	% of positive herds	% of new positive herds
ABRUZZO	3045	2141	2128	99,39 %	0,09 %	0,09 %
BASILICATA	2558	2326	2326	100,00 %	0,86 %	0,86 %
CALABRIA	6806	5299	5184	97,83 %	0,39 %	0,37 %
CAMPANIA	8854	6135	6134	99,98 %	0,67 %	0,54 %
MOLISE	787	471	471	100,00 %	2,97 %	2,76 %
PUGLIA	3505	3244	3244	100,00 %	1,39 %	1,08 %
SICILIA	9573	9286	9286	100,00 %	2,36 %	2,04 %
Total	35128	28902	28773	99,55 %	1,25 %	1,08 %

B O V I N E – Countrywide evolution in the past years..



B O V I N E – Territories NOBF evolution in the past years..



BOVINE – Difficulties registered..

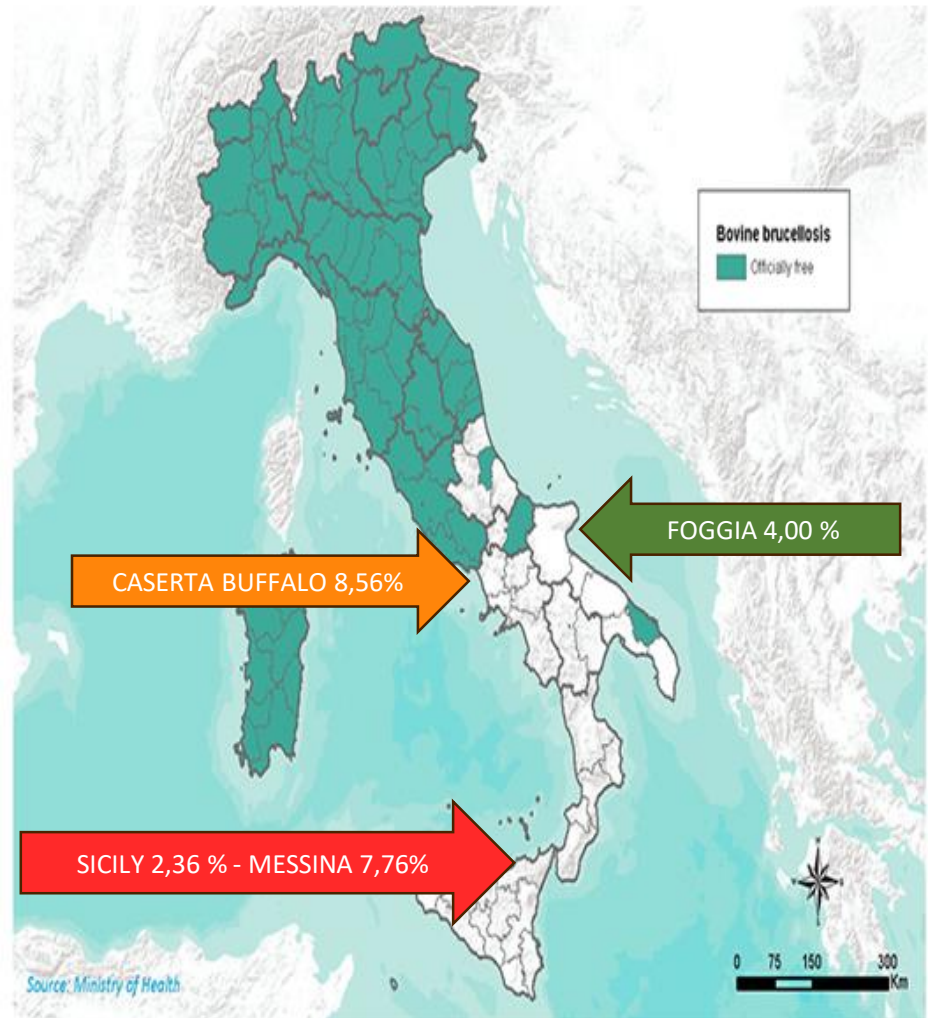
The higher prevalence in the NOBF territories in the peninsula of Italy is reported in 3 “hot spot” located in 3 Regions:

Puglia – Gargano, 41425 Bovines;

Campania - Caserta, 281149

Buffalos;

Sicily- all Region and particularly the Province of Messina 38461 Bovines;



TARGET WORKING DOCUMENT

SANTE/2017/10186- years 2018-2020

- The WORKING DOCUMENT SANTE/2017/10186 rev 1 Guidelines for the Union co-funded programs of eradication, control and surveillance of animal diseases and zoonosis for the years 2018-2020, for bovine-buffalo brucellosis in the entire nation, has foreseen for the year 2020 a further reduction of 30% compared to the expected prevalence for the year 2018 (0,46), calculated on the baseline of the result registered in 2015 (0,66%).
- In 2019 the reduction expected should be the 15% of 0,46% that is = **to 0,39**.
- The prevalence recorded for the disease in Italy in 2019 calculated on all the herds under control, has been **0,42%**.
- The prevalence registered in ITALY in the territories NOBF in 2019: **1,25%**.

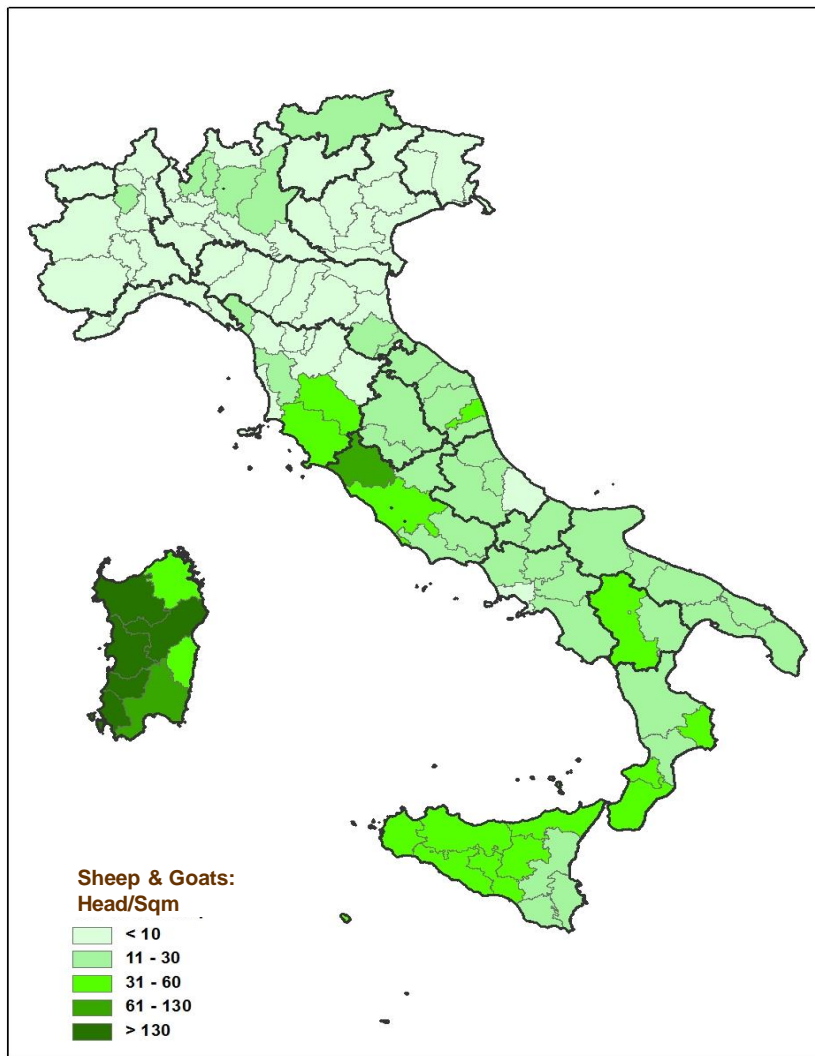
expected targets in the coming years, and eradication date currently foreseen

The prevalence registered in the Italian peninsula, excluding the result of prevalence registered in Sicily, result to be = 0,19%.

For the peninsula may consider achieved the target of the prevalence under 0,2%.

Remain to continue in the application of the program in **Sicily**, and in the hot spots of **Gargano** in Puglia and **Buffalo** in Campania, identifying new further measures to progress rapidly at the eradication of the disease.

SHEEP & GOATS- flocks/animals distribution



YEAR	NR. OF FLOCKS COUNTRYWIDE	NR. OF FLOCKS IN NON-OBF TERRITORIES	
		Total	To be Tested
2015	147,405	39,381	38,505
2016	113,066	39,089	37,055
2017	104,172	37,938	36,506
2018	109,452	37,093	35,729
2019	106,964	36,488	35,032

YEAR	NR. OF ANIMALS COUNTRYWIDE	NR. OF ANIMALS IN NON-OBF TERRITORIES	
		Total	To be Tested
2015	8,165,317	2,664,514	2,292,190
2016	7,439,530	2,285,456	2,257,998
2017	7,344,374	2,299,881	2,171,689
2018	7,927,413	2,241,480	2,098,083
2019	7,761,110	2,147,341	2,024,041

SHEEP & GOAT- Territories OBmF and NOBmF

Italian Regions	Italian S&G-OBF Territories
Lombardia	Whole Region
Marche	Whole Region
Sardegna	Whole Region
Toscana	Whole Region
Trentino Alto Adige	Whole Region
Umbria	Whole Region
Piemonte	Whole Region
Friuli Venezia Giulia	Whole Region
Liguria	Whole Region
Veneto	Whole Region
Lazio	Whole Region
Molise	Whole Region
Puglia	Province of Brindisi
Abruzzo	Province of Pescara
Emilia Romagna	Whole Region
Valle d'Aosta	Whole Region
TOTAL	14 Regions and 2 province

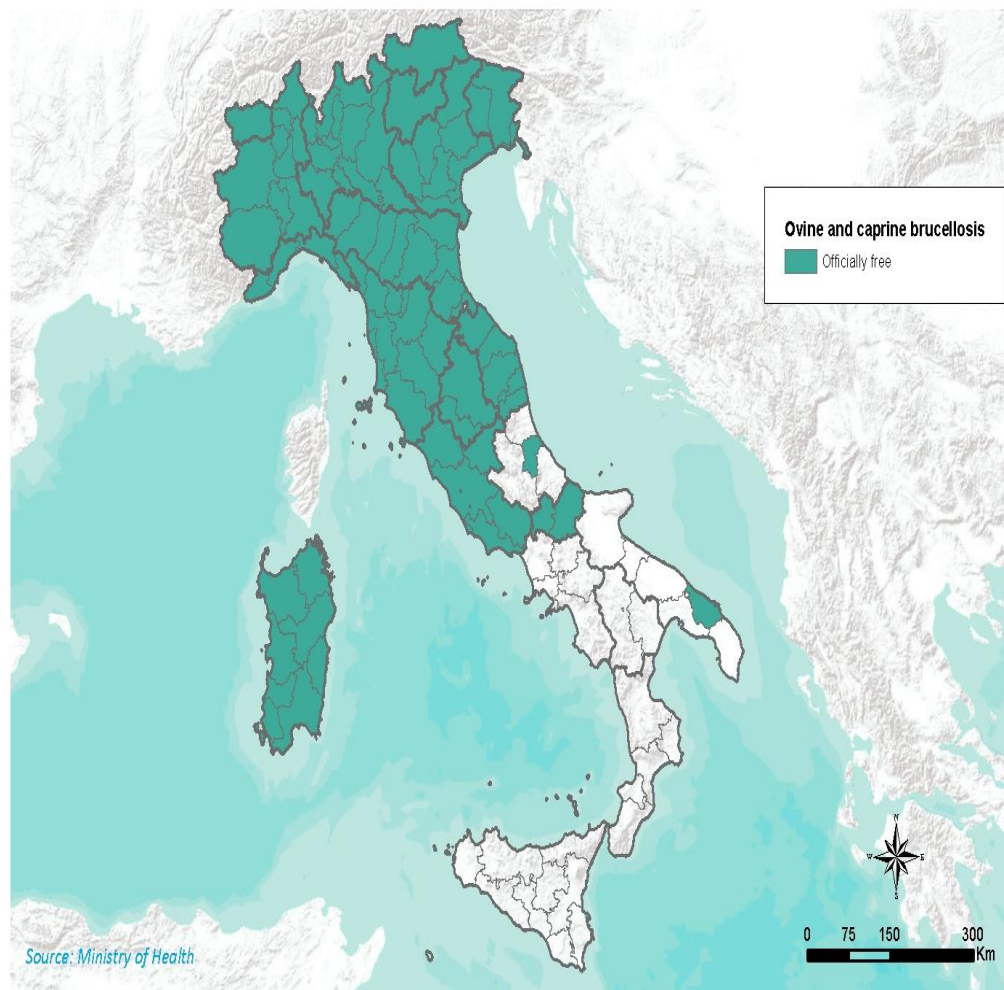


TABLE 1. Territories OBmF (green) and not OBmF (white).

SHEEP & GOAT- Territories O-BmF and NO-BmF

Italian Regions that have reached the conditions of OBmF	Italian S&G-OBF Territories
Abruzzo	*Whole Region
Puglia	*Provinces of: BARI, BARLETTA-TRANI-ANDRIA, TARANTO
Campania	**Province of: BENEVENTO
Calabria	**Province of: COSENZA
TOTAL	1 Regions and 5 provinces

*Requests under evaluation by the Commission
 ** Requests in course of preparation by the Regions

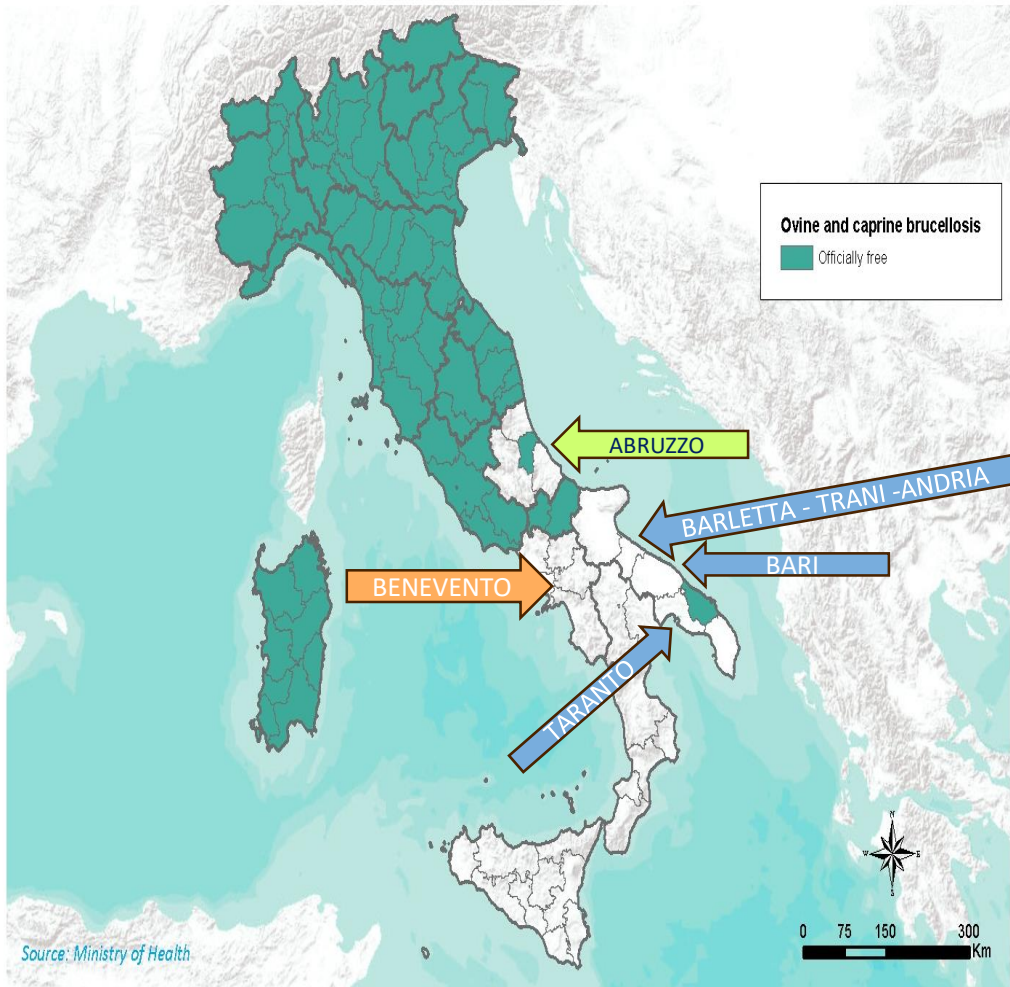


TABLE 1. Territories OBmF (green) and not OBmF (white).

SHEEP & GOATS- Territories OBF and NOBF

REGIONS	Total number of flocks	Total number of flocks under the program	Total number of controlled flocks	Indicators		
				% of controls	% of positive flocks	% of new positive flocks
BASILICATA	5647	5611	5596	99,73 %	0,39 %	0,38 %
CALABRIA	8210	7690	7271	94,55 %	0,25 %	0,25 %
CAMPANIA	6866	6298	6293	99,92 %	0,16 %	0,13 %
PUGLIA	2983	2892	2892	100,00 %	0,38 %	0,38 %
SICILIA	8687	8532	8511	99,75 %	1,68 %	1,27 %
Totale	36116	34705	34236	98,65 %	0,60 %	0,49 %

Sheep and Goats– Countrywide evolution in the past years..

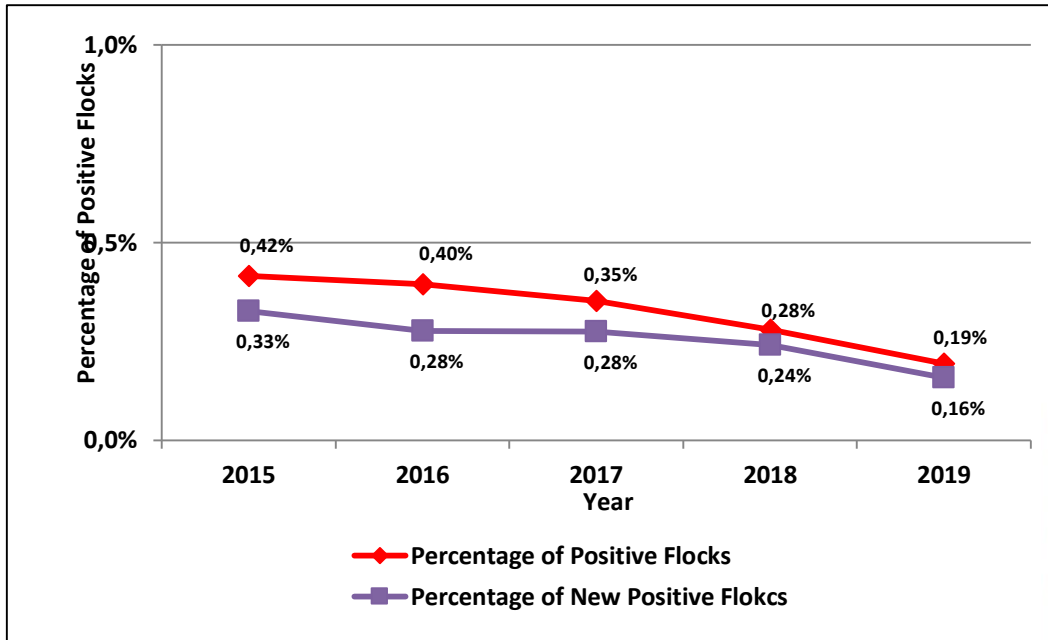


Figure 1: Percentage prevalence and incidence in Sheep&Goat Flocks in all Italy.

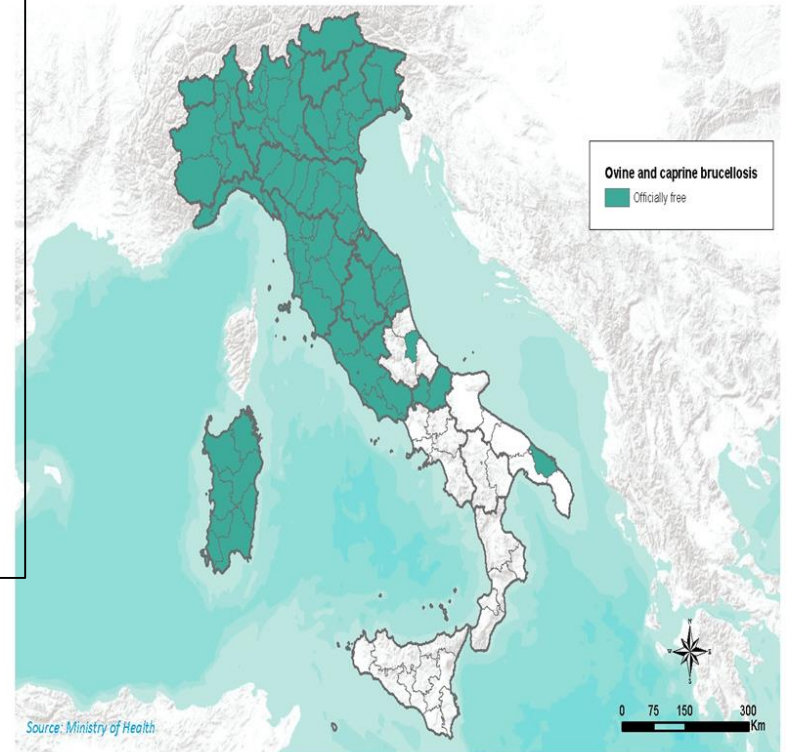


TABLE 1. Territories OBmF (green) and not OBmF (white).

SHEEP & GOATS- Territories OBF and NOBF

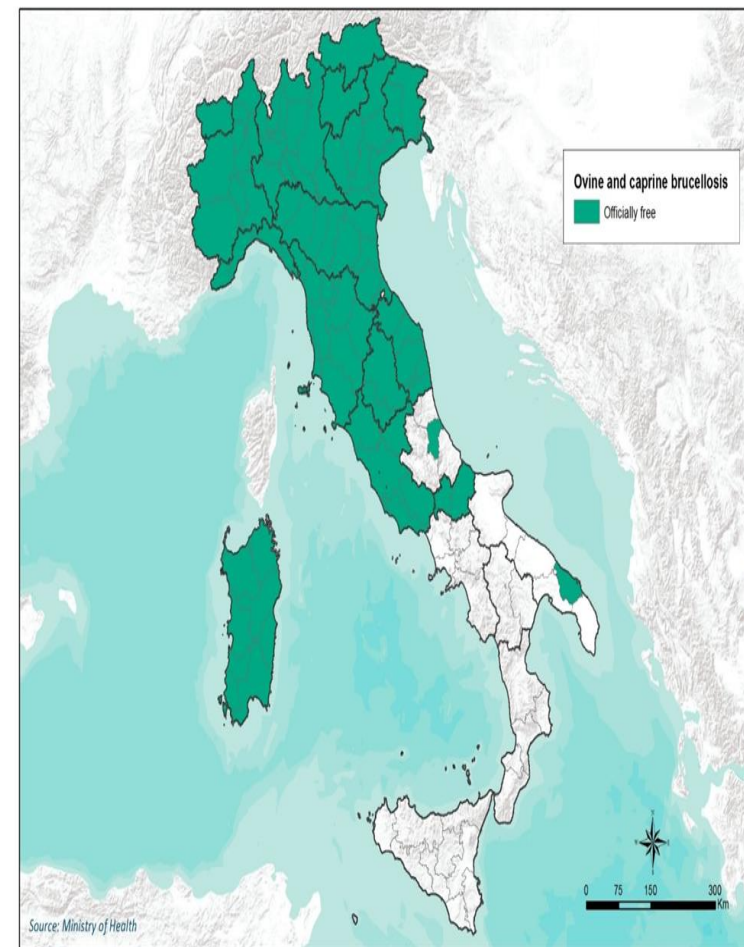
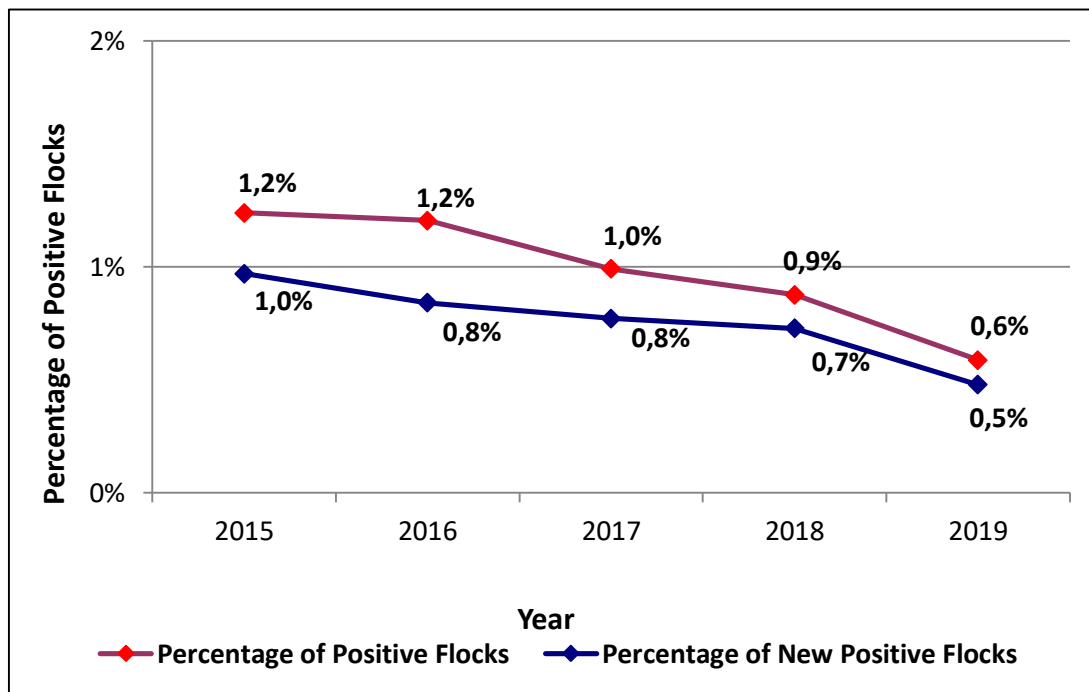
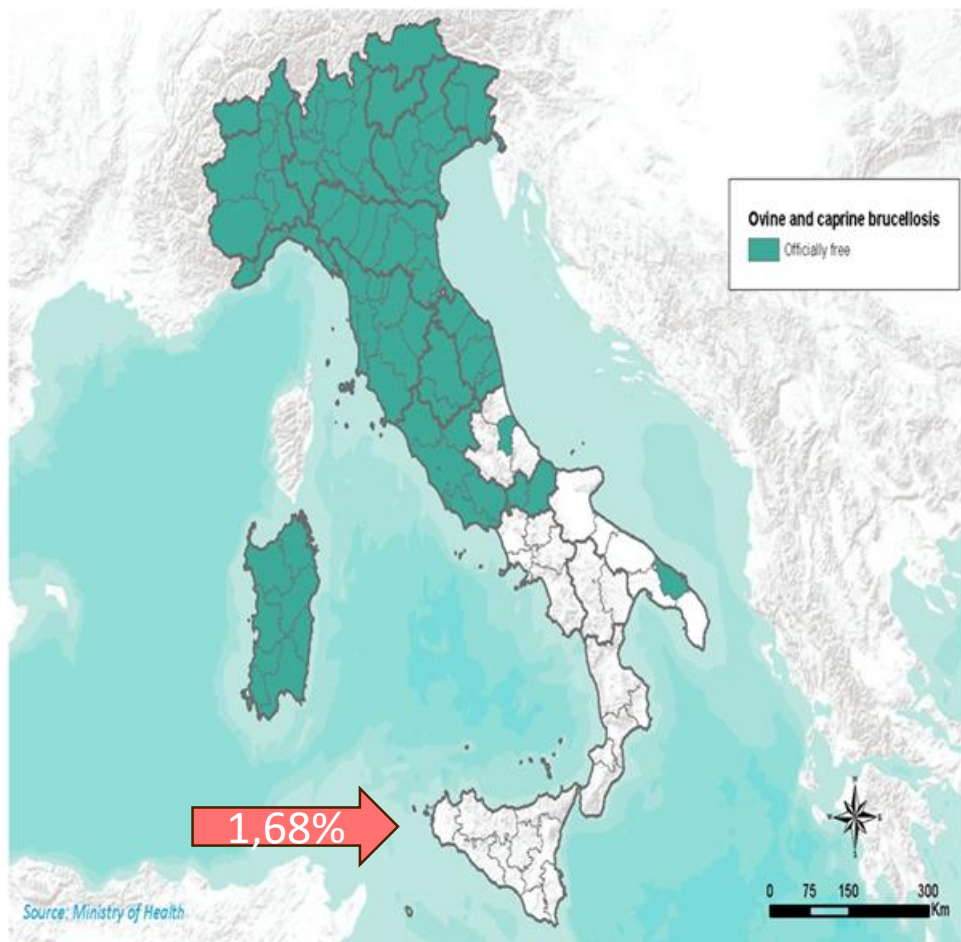


Figure 3: prevalence (red) and Incidence (blue) Sheep&Goat positive flocks in not OBmF territories.

TABLE 1. Territories OBmF (green) and not OBmF (white).

Difficulties registered...

The higher prevalence in Italy is reported from Sicily region, with an overall prevalence of 1,68% decreasing respect the 2018 (2,43 %).



TARGET WORKING DOCUMENT

SANTE/2017/10186- years 2015-2017

- The expected results indicated in the "*WORKING DOCUMENT SANTE/2017/10186 rev 1 Guidelines for the Union co-funded programs of eradication, control and surveillance of animal diseases and zoonosis for the years 2018-2020*", for the S&G brucellosis program in Italy has been established for the year 2020 as minimum % of reduction compared to 2018 = **100% Free.**
- The prevalence recorded for the melitensis in Italy in 2019 calculated on all the herds under control, has been: **0,19%**
- The prevalence recorded for the melitensis in Italy in 2019 calculated on all flocks under control in territories not OBmF, has been: **0,60%.**

Thanks for your attention

