



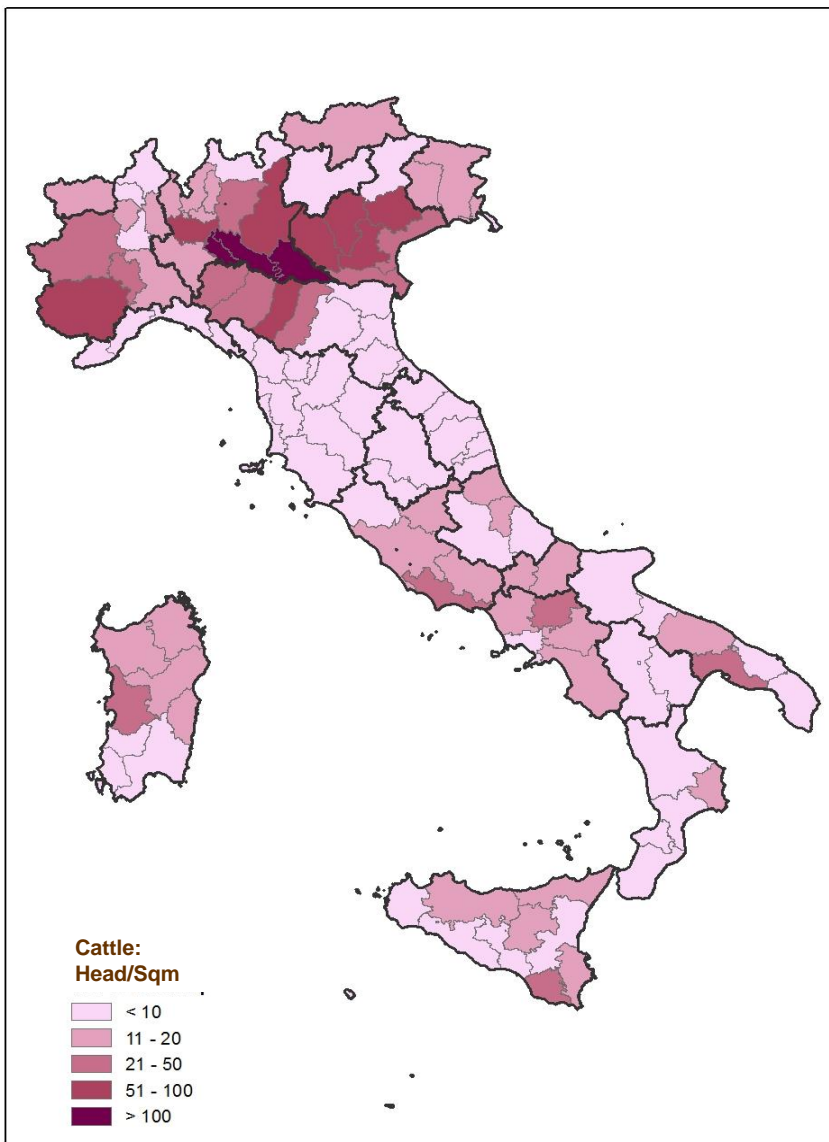
Ministero della Salute

Direzione generale della sanità animale e dei farmaci veterinari

Italy information on the results of the implementation of the bovine brucellosis and ovine and caprine brucellosis eradication programmes in 2016

SCoPAFF 8 June 2017

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
2012	103.880	43.486	35.286
2013	101.527	41.931	34.410
2014	99.670	40.981	32.778
2015	96.389	40.025	32.400
2016	94.977	39.835	32.188

YEAR	NR. OF ANIMALS COUNTRYWIDE	NR. OF ANIMALS IN NON-OBF TERRITORIES	
		Total	To be Tested
2012	3.837.482	1.098.120	800.473
2013	4.060.153	1.073.874	771.241
2014	3.786.758	1.080.660	754.958
2015	3.807.610	1.120.279	783.449
2016	4.145.535	1.114.434	788.925

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 (Imperia-Savona)*
Veneto	whole Region
Lazio	Frosinone, Latina, Rieti, Viterbo
Abruzzo	Pescara
Molise	Campobasso
Puglia	Brindisi
Valle d'Aosta	whole Region
TOTAL	More than 13 Region and 7 Provinces or 74 Provinces



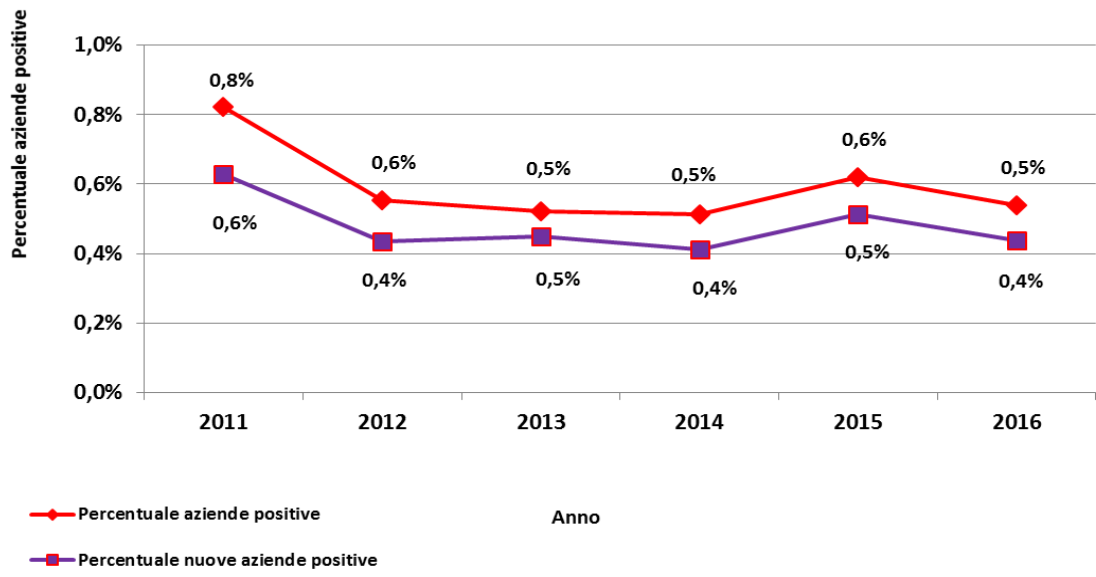
***Commission Decision
2014/91/EU**

B O V I N E - Territories NOBF

REGIONS	Number of herds under the program	Number of herds controlled	Number of positive herds	Indicators		
				% of herds controlled	% of Prevalence	% of incidence
ABRUZZO	2385	2244	6	94,09 %	0,27 %	0,13 %
BASILICATA	2449	2448	17	99,96 %	0,69 %	0,45 %
CALABRIA	5721	5721	49	100,00 %	0,86 %	0,79 %
CAMPANIA	7171	7112	84	99,18 %	1,18 %	0,93 %
LAZIO	882	882	0	100,00 %	0,00 %	0,00 %
MOLISE	509	509	3	100,00 %	0,59 %	0,59 %
PUGLIA	3491	3491	72	100,00 %	2,06 %	1,75 %
SICILIA	9580	9578	279	99,98 %	2,91 %	2,34 %
Totale	32188	31985	510	99,37 %	1,59 %	1,29 %

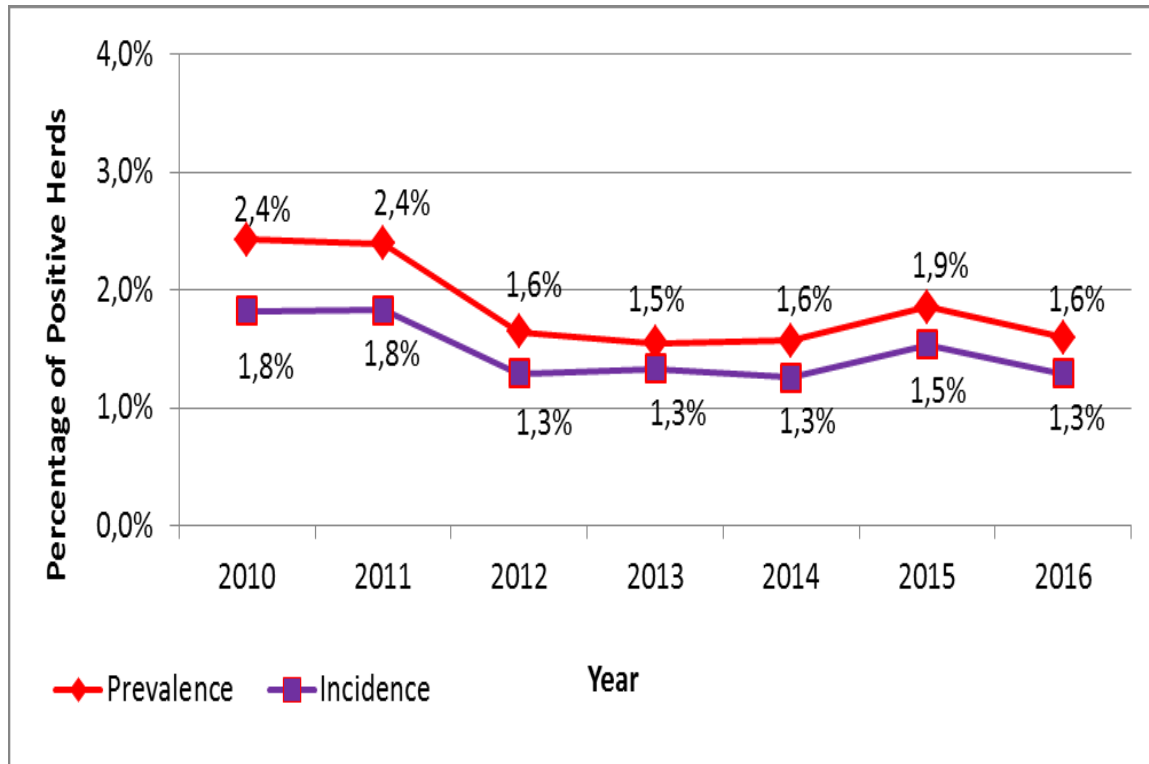
BOVINE – Countrywide evolution in the past years..

Italia (OBF+NOBF) Prevalenza e Incidenza



Bovini
■ Province U.I.

BOVINE – Territories NOBF evolution in the past years..



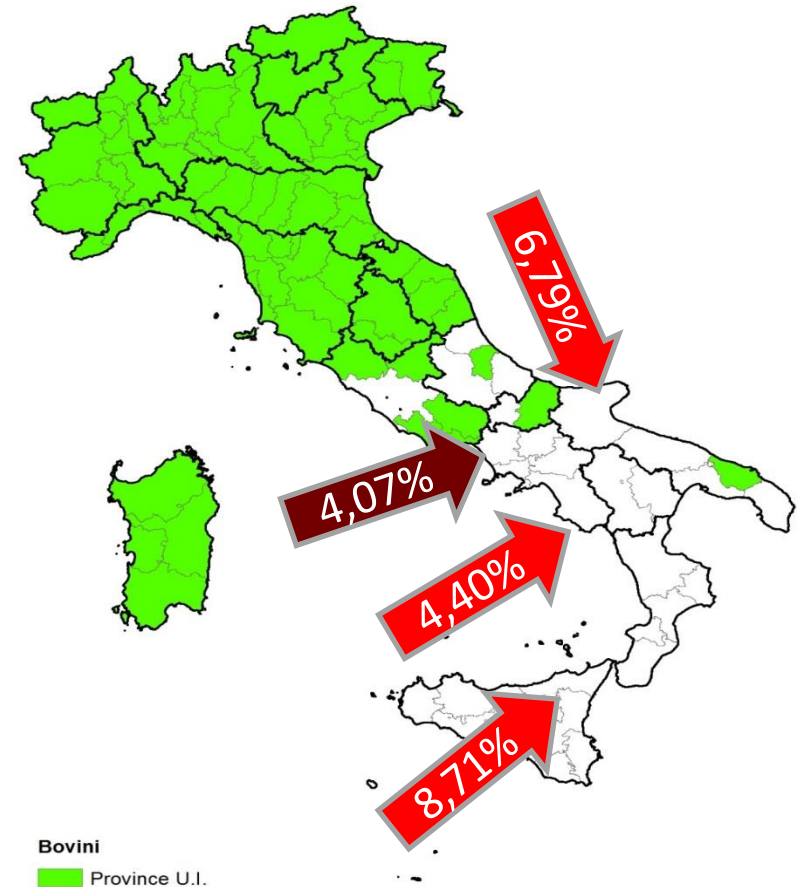
Bovini
Province U.I.


BOVINE – Difficulties registered..

The higher prevalence in the NOBF territories in Italy is reported in four “hot spot” located in three Regions:

Puglia – Gargano, 41529 Bovines;
 Campania-Salerno, 30350 Bovines,
 - Caserta, 180.236 Buffalos;
 Sicily- Messina, 41387 Bovines.

For a total of: 113266 Bovines
180236 Buffalos






TARGET WORKING DOCUMENT

SANTE/2017/10186- years 2018-2020

TARGET IT years 2018-2020: reduction in the territories NOBF compared to 2015 (**1,93%**) of at least 30,00% = **1,35%**.

- prevalence registered in Italy in the territories NOBF in 2016: **1,59%**.
- prevalence registered in whole Italy in 2016: **0,50%**.
- Target 2018 of the Italian territories NOBF = **1,10%**.



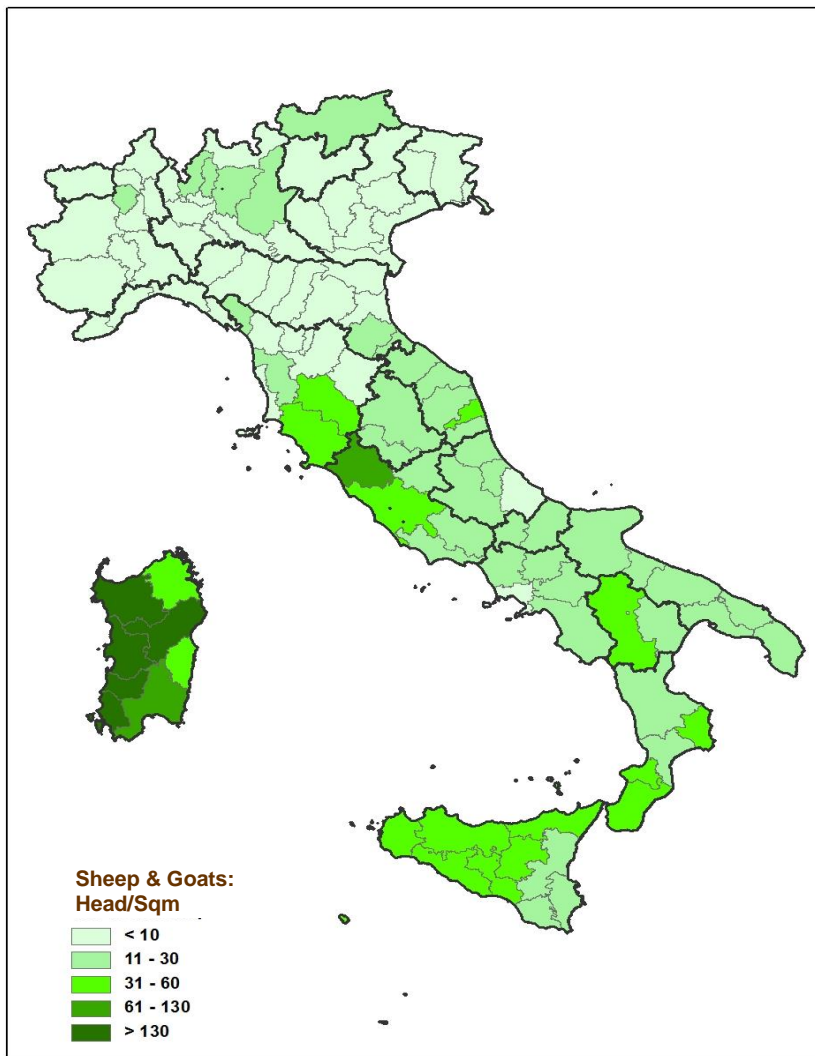
TARGET WORKING DOCUMENT

SANTE/2017/10186- years 2018-2020

Target that the Italian Regions NOBF want to achieve in 2018 = **1,10%**.

REGIONE	HERDS UNDER THE PROGRAM	CONTROLL ED HERDS	POSITIVE HERDS	Indicators		
				% OF CONTROL	% PREVALENCE	% INCIDENCE
ABRUZZO	2355	2355	17	100,00 %	0,72 %	0,00 %
BASILICATA	2449	2449	0	100,00 %	0,00 %	0,00 %
CALABRIA	5659	5659	27	100,00 %	0,48 %	0,37 %
CAMPANIA	7148	7148	62	100,00 %	0,87 %	0,38 %
LAZIO	882	882	0	100,00 %	0,00 %	0,00 %
MOLISE	506	506	1	100,00 %	0,20 %	0,00 %
PUGLIA	3491	3491	64	100,00 %	1,83 %	1,55 %
SICILIA	9539	9539	181	100,00 %	1,90 %	1,44 %
Totale	32029	32028	352	100,00 %	1,10 %	0,75 %

SHEEP & GOATS- floks/animals distribution



YEAR	NR. OF FLOCKS COUNTRYWIDE	NR. OF FLOCKS IN NON-OBF TERRITORIES	
		Total	To be Tested
	Total	Total	To be Tested
2012	148,446	42,831	42,246
2013	147,022	43,426	39,912
2014	147,632	39,145	38,184
2015	147,405	39,381	38,505
2016	113,066	39,089	37,055

YEAR	NR. OF ANIMALS COUNTRYWIDE	NR. OF ANIMALS IN NON-OBF TERRITORIES	
		Total	To be Tested
	Total	Total	To be Tested
2012	8,389,353	2,773,279	2,409,458
2013	8,315,292	2,829,928	2,395,031
2014	8,231,064	2,705,630	2,328,489
2015	8,165,317	2,664,514	2,292,190
2016	7,439,530	2,285,456	2,257,998

SHEEP & GOAT- Territories OBF and NOBF

Italian Regions	Italian S&GB-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	Latina, Rieti, Roma, Viterbo
Abruzzo	Pescara
Molise	whole Region
Puglia	Brindisi*
Emilia Romagna	whole Region
Valle d'Aosta	whole Region
TOTAL	13 Regions and 2 province or 73 Provinces



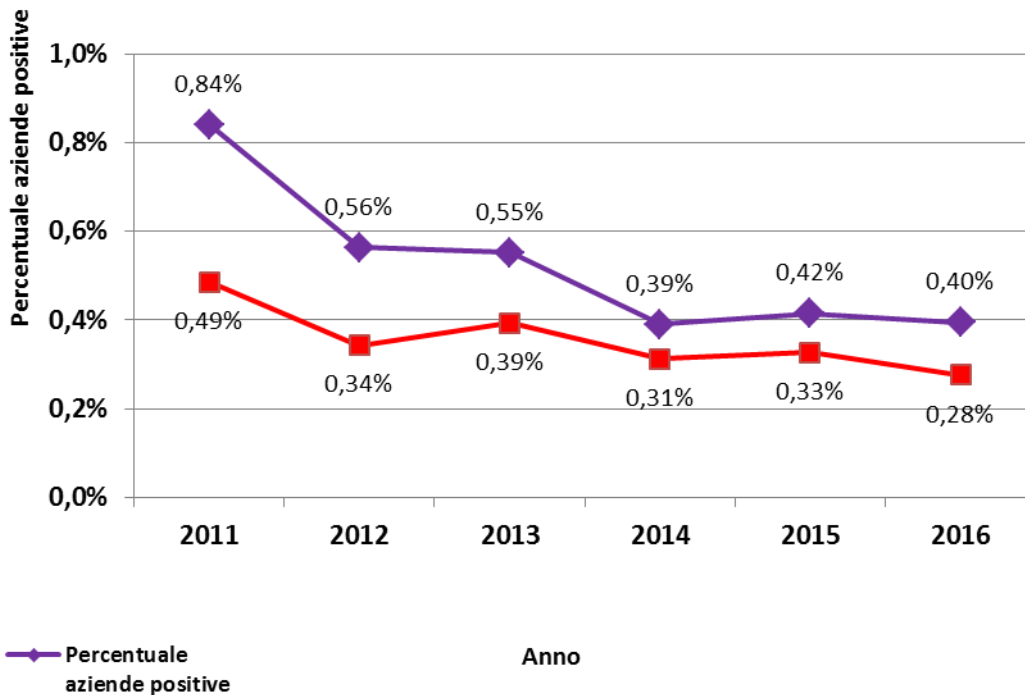
***Decisione della Commissione
2016/1811/UE**

SHEEP & GOATS- Territories NOBF

REGIONE	Numero totale di aziende interessate dal programma	Numero di aziende controllate	Numero di aziende positive	Indicatori		
				% di copertura degli allevamenti	% aziende positive (prevalenza)	% nuove aziende positive (incidenza)
ABRUZZO	4199	4028	0	95,93 %	0,00 %	0,00 %
BASILICATA	6353	6312	3	99,35 %	0,05 %	0,03 %
CALABRIA	8208	8208	76	100,00 %	0,93 %	0,76 %
CAMPANIA	7172	6307	23	87,94 %	0,36 %	0,30 %
PUGLIA	3515	3515	28	100,00 %	0,80 %	0,68 %
SICILIA	8702	8685	317	99,80 %	3,65 %	2,36 %
Totale	38149	37055	447	97,13 %	1,21 %	0,84 %

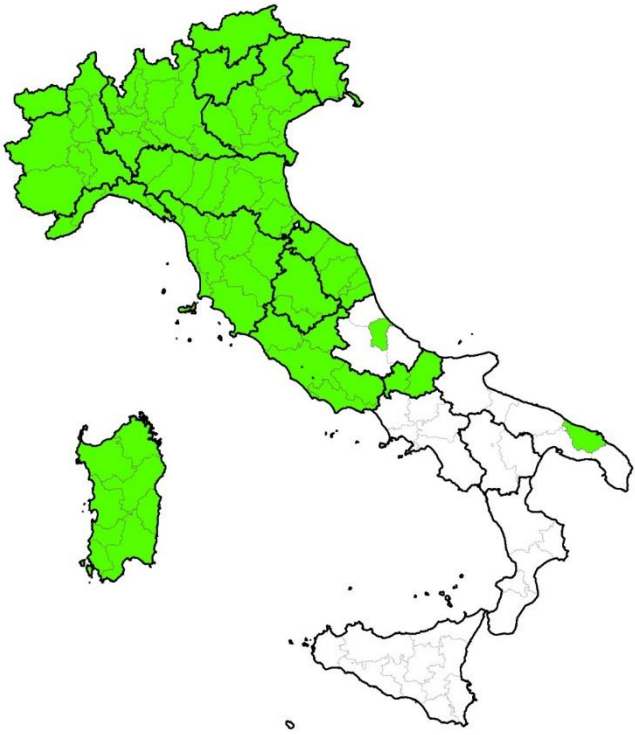
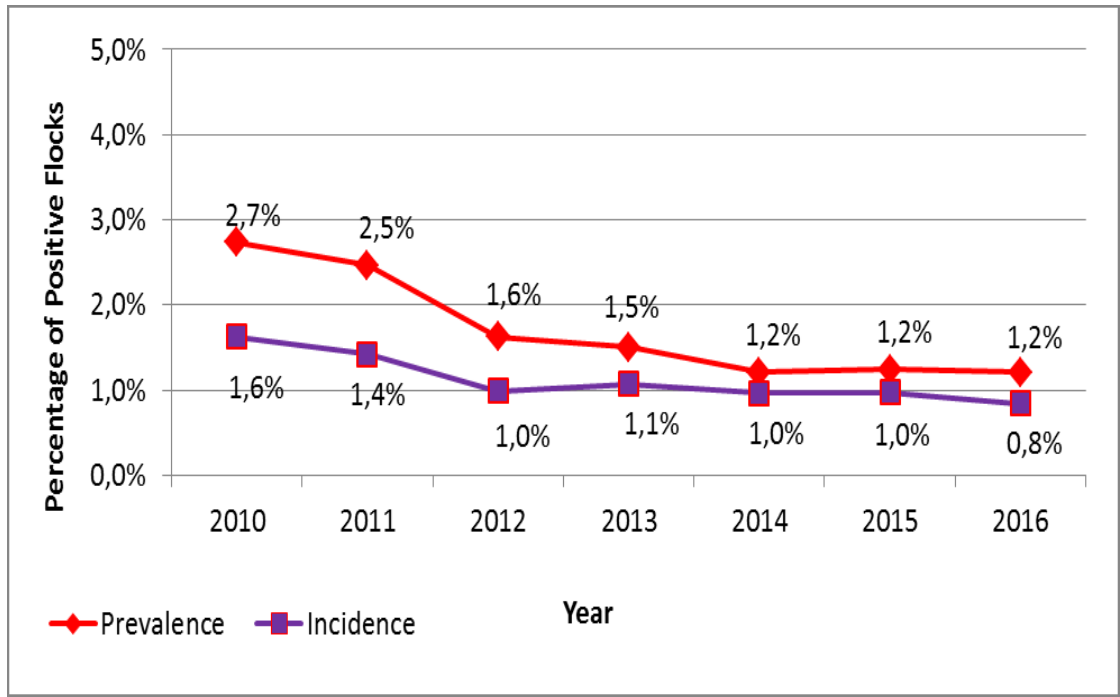
Sheep and Goats– Countrywide prevalence in the past years..

Italia (OBF+NOBF) Prevalenza e Incidenza



Ovi-caprini
■ Province U.I.

SHEEP & GOATS- prevalence in territories NOBF



Ovi-caprini
■ Province U.I.

Difficulties registered...

The higher prevalence in Italy is reported from Sicily region, with an overall prevalence of 3,65%, and with the Province of Messina recording the highest value amongst all provinces, i.e. 7,68%.

Total Number of Sheep of the Province of Messina
146318



TARGET WORKING DOCUMENT

SANTE/2017/10186- years 2018-2020

TARGET IT years 2018-2020: reduction in the territories NOBF compared to 2015 (**1,24%**) of at least **50 % = 0,62.**

- prevalence registered in Italy in the territories NOBF in 2016: **1,21%**.
- prevalence registered in whole Italy in 2016: **0,39%**.
- Target 2018 of the Italian territories NOBF = **0,87 %**.

TARGET WORKING DOCUMENT

SANTE/2017/10186- years 2018-2020

REGIONE	Numero totale di aziende interessate dal programma	Numero di aziende controllate (e)	Numero di aziende positive (f)	Indicatori		
				% di copertura degli allevamenti	% aziende positive (prevalenza)	% nuove aziende positive (incidenza)
ABRUZZO	4001	4001	5	100,00 %	0,12 %	0,12 %
BASILICATA	6353	6353	0	100,00 %	0,00 %	0,00 %
CALABRIA	8139	8139	51	100,00 %	0,63 %	0,44 %
CAMPANIA	7170	7170	11	100,00 %	0,15 %	0,13 %
PUGLIA	3515	3515	22	100,00 %	0,63 %	0,51 %
SICILIA	8710	8710	242	100,00 %	2,78 %	1,66 %
Totale	37888	37888	331	100,00 %	0,87 %	0,56 %

challenges faced in 2016 ...

- To **implement the use of EPIDEMIOLOGICAL INVESTIGATION** with:
 - 1) the indication of the **Workshop** on the E. E. started the 3 November 2015 and concluded the 15 November 2016 – Modernize the epidemiological information board – create a epidemiological net on the territory;
 - 2) the indications of the **Working Group** for the E.E. (WGIE) constituted by members of the Regions, Epidemiological Observatories from the Regions or IZZSS and Veterinarian Services that started in January 2017 and that will conclude in December 2017;
 - 3) the prorogation of the Ministerial Order 28 May 2015 that at the art. 5 and 12 indicate at the veterinary service, the **modalities to start and develop the E.E.** and at the national center of reference for brucellosis the duty to control in June the quantity and quality of the E.E. registered in SIMAN.
- Improving the **controls on the animals movement** by the new Ministerial Decree that will enter in force the 2 September 2017 that provide for the use of the electronic Model 4 for the authorization to move animals.
- Build a **dashboard** on the Italian informatics systems (SANAN, SIMAN and BDN) to **control** the good implementation of **the eradication program**.



Grazie per l'attenzione

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