

Table I. *C. burnetii* seroprevalence at both herd and animal level according to provinces.

Region	Province	Herds sampled	Positive herds	Prevalence % (95%CI)	Number of animals tested	Positive Animals	Prevalence % (95%CI)
Apulia	Bari	24	13	54 (34-74)	340	153	45 (40-50)
	Barletta-Andria-Trani ¹	1	1	NA*	22	9	41 (20-61)
	Brindisi ¹	1	0	NA*	-	-	-
	Foggia	11	5	45 (16-75)	204	91	45 (38-51)
	Lecce ¹	1	1	NA*	16	11	69 (46-91)
	Taranto	46	21	46 (31-60)	560	246	44 (40-48)
Basilicata	Matera	7	5	71 (38-105)	60	13	22 (11-32)
	Potenza	11	6	55 (25-84)	62	18	29 (18-40)
Campania	Salerno ²	104	19	18 (11-26)	247	77	31 (25-37)
Sicily	Agrigento	12	9	75 (51-100)	151	22	15 (9-20)
	Caltanissetta	6	2	33 (-4-71)	163	3	2 (0-4)
	Catania	11	2	18 (-5-41)	201	6	3 (1-5)
	Enna	26	11	42 (23-61)	784	27	3 (2-5)
	Messina	41	11	27 (13-40)	531	15	3 (1-4)
	Palermo	46	11	24 (12-36)	1259	24	2 (1-3)
	Ragusa	30	14	47 (29-65)	1092	101	9 (8-11)
	Syracuse	18	7	39 (16-61)	389	21	5 (3-8)
	Trapani	6	1	17 (-13-46)	99	1	1 (-1-3)

¹Only one herd was sampled for the provinces of Barletta-Andria-Trani, Lecce and Brindisi, thus it was no possible to compute the seroprevalence at herd level.²The buffalo farms included in this study are all located in Salerno province. *Not applicable.