

CONTEXT OF BRUCELLOSIS CONTROL IN MONTENEGRO

EPIDEMIOLOGICAL UPDATES AND DIAGNOSTIC SCHEMES AND CAPACITY

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Occurrence of Brucellosis – active surveillance

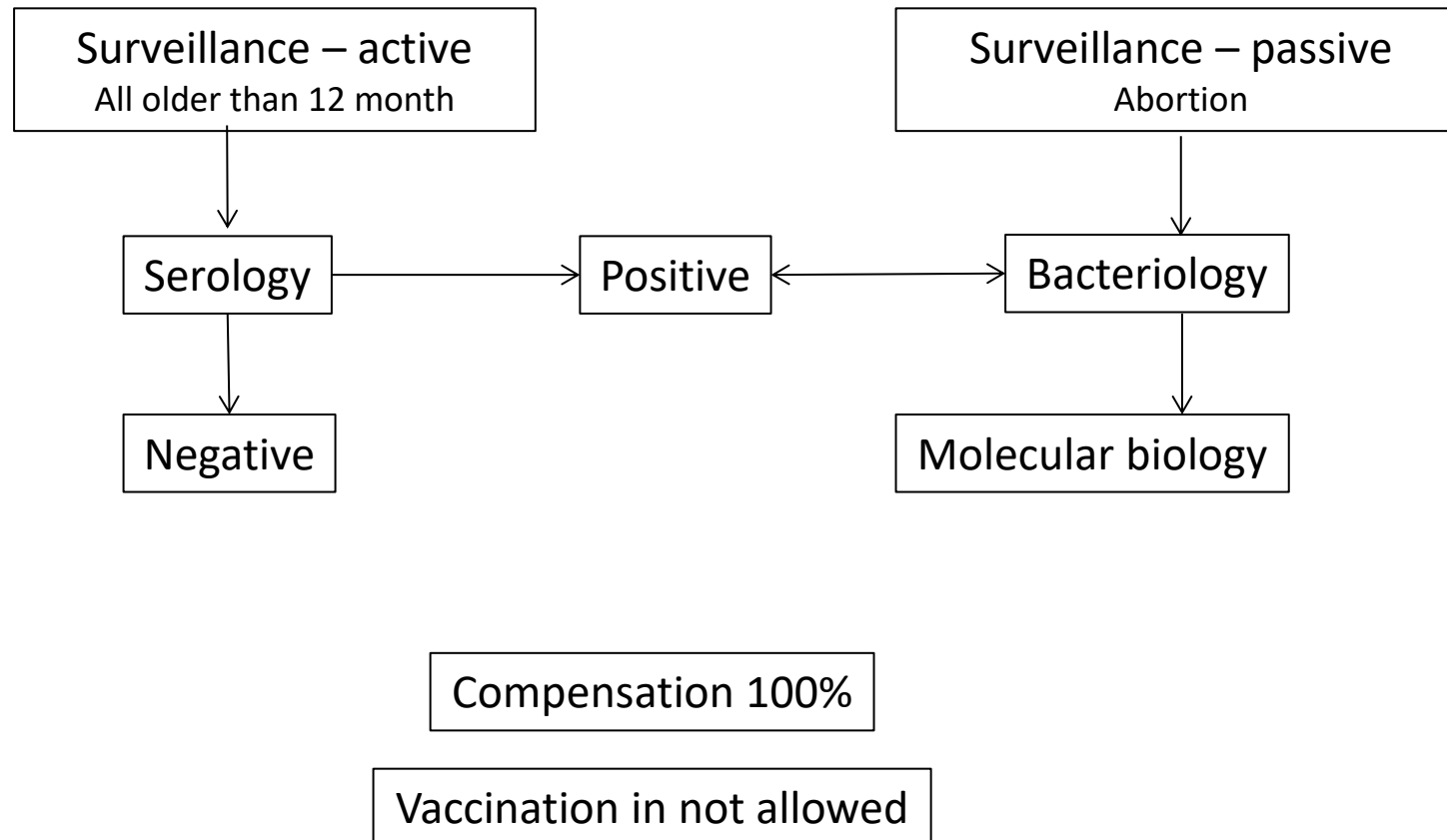
	Cattle	Sheep & Goats	Pigs
Prevalence	0	0	-
Number of animals tested annually	48259 tested animals in 2025.	142039 tested animals in 2025.	0
Number of herds tested annually with seropositive results	0	0	0
Number of annual outbreaks	0 (one seropositive case in 2006)	0 (two seropositive cases in 2012) (one flock in 2025.)	0

Number of annual cases in human population	2019	2020	2021	2022	2023	2024	2025
	0	0	1	0	0	0	2

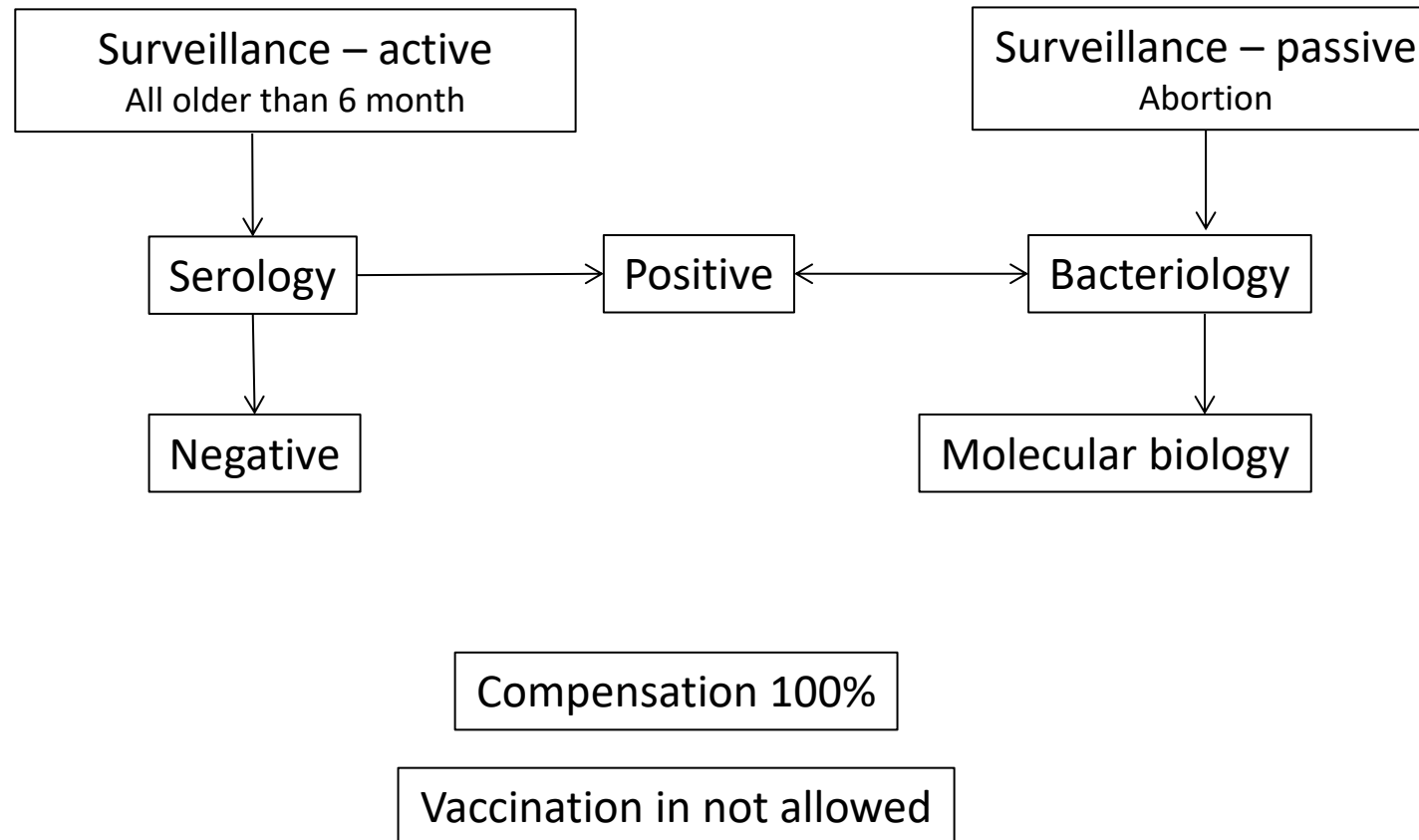
Occurrence of Brucellosis in May 2025.

Animal type	sheep
Number of herds tested with positive results	1
Number of seropositive animals (RB, CFT, iELISA, cELISA)	41
Number of seronegative animals	184
Bacteriology	positive
Real-Time PCR	positive
Multiplex PCR assay (Bruce-ladder)	<i>Brucella melitensis</i>
Number of animals euthanized	225(whole flock)
Contact and potentially contact herds	negative
Source of infection	unknown
Number of cases in human population	2

Flowchart : Surveillance of brucellosis in cattle



Flowchart : Surveillance of brucellosis in small ruminants



Control measures

- Control measures are prescribed by the Veterinary Law and Rulebooks
- The current measures are in line with the previously valid EU legislation, but not with Regulation (EU) 2016/429
- A new Animal Health Law is currently being drafted to align with Regulation (EU) 2016/429
- Planned deadline for the adoption of the Law – end of 2026

Brucellosis diagnostics organisation:

Ministry of Agriculture
Administration for Food Safety, Veterinary and Phytosanitary Affairs

Diagnostic Veterinary Laboratory (public institucion)

- ✓ The only one veterinary laboratory in country
- ✓ First line diagnostic laboratory
- ✓ Second line diagnostic laboratory - confirmation
- ✓ National Reference Laboratory
- ✓ Accredited laboratory



Diagnosics of brucellosis: first line testing

Species		Indirect diagnostic tests	Bacteriology	Molecular diagnostics	Brucella sp. identification
Beef cattle		+	+		
Small ruminants	Goats	+	+		
	Sheep	+	+		
Cattle milk					
Goat milk					
Pigs		+	+		

Diagnosics of brucellosis: confirmation

Species		Indirect diagnostic tests	Bacteriology	Molecular diagnostics	Brucella sp. identification
Beef cattle		+	+	+	+
Small ruminants	Goats	+	+	+	+
	Sheep	+	+	+	+
Cattle milk					
Goat milk					
Pigs			+	+	+

Thank you for attention!