

# GF-TADs

GLOBAL FRAMEWORK FOR THE  
PROGRESSIVE CONTROL OF  
TRANSBOUNDARY ANIMAL DISEASES



Food and Agriculture  
Organization of the  
United Nations



Standing Group of Experts on Lumpy Skin Disease  
in South East Europe  
under the GF-TADs umbrella

**SGE LSD9**

Athens, 16-17 October 2019

**Report for**

**S E R B I A**

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# Lumpy Skin Disease occurrence in 2019

LSD outbreaks reported in 2019 <i>(From 01/01/2019 until 15/10/2019)</i>			
Region	Number of outbreaks	Period of occurrence	
		From <i>(date of 1st outbreak)</i>	To <i>(date of latest outbreak)</i>
Region A			
Region B			
Region C			
Region D			
Region E			
Region F			
Region G			
Region H			
Region I			
Region K			
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>



# Lumpy Skin Disease occurrence in 2019

## Map of LSD outbreaks in 2019

**NO LSD OUTBREAKS IN 2019**



# Lumpy Skin Disease Vaccination in 2019

<b>Type of vaccine used</b> ( <i>i.e. homologous/heterologous, if heterologous please provide dose per animal used</i> )	<b>HOMOLOGOUS</b> <b>Bovivax LSD – N</b>
<b>Number of doses used</b>	<b>606.950</b>
<b>Source of vaccines</b> ( <i>e.g. national purchase, EU vaccine bank, other</i> )	<b>National purchase and EU funds</b>
<b>Mode of vaccination</b> <i>(mandatory / voluntary)</i>	<b>Mandatory</b>
<b>Area of vaccination :</b> <i>( e.g. whole country, ring vaccination around outbreaks, specific regions – explain if needed)</i>	<b>WHOLE COUNTRY (ZONING)</b> <b>ZONE 1: all bovines</b> <b>ZONE 2: only calves older than 6 months and imported bovines</b>
<b>Comments – other info</b> <i>(if any)</i>	<b>Vaccination in Zone 2 (only calves older than 6 months and imported bovines) started on 1.4.2019.</b>

# Lumpy Skin Disease Vaccination in 2019

LSD vaccination in 2019 (From 01/01/2019 until 10/10/2019)					
Region	Total cattle		% vaccination coverage	Period of vaccination	
	Present	Vaccinated		From (start date)	To (end date)
Zone 1	648.933	469.719	76.86%	1.4.2019. (1.1.2019)	31-12-2019-
Zone 2	268.318	50.557	18.57%	1.4.2019. (1.1.2019)	31-12-2019-
<b>TOTAL</b>	<b>917.951</b>	<b>520.276</b>	<b>56,72%</b>		

ZONE 2	Total № of bovines	Total № of calves older than 6 months	№ of imported and vaccinated bovines	№ of vaccinated bovines (all categories) 1.1.-1.4.2019.
№ of bovine/calves	268,318	42083		
Vaccinated bovine/calves	50,557	39708	4950	5899
%	18.57%	94.35%		

# Lumpy Skin Disease Vaccination in 2019

## Map of LSD vaccination areas and vaccine coverage in 2019



### ZONE 1

Total number of bovine herds	Number of bovine herds vaccinated	Herd vaccine coverage (% of herds vaccinated)	Total number of bovine animals (heads)	Number of bovine animals vaccinated (heads)	Animal vaccine coverage (% of animals vaccinated)
14.489	5.351	36.93%	268.318	50.557	18.57%

ZONE 2	Total № of bovines	Total № of calves older than 6 months	№ of imported and vaccinated bovines	№ of vaccinated bovines (all categories) 1.1.-1.4.2019.
№ of bovine/calves	268,318	42083		
Vaccinated bovine/calves	50,557	39708	4950	5899
%	18.57%	94.35%		

### ZONE 1

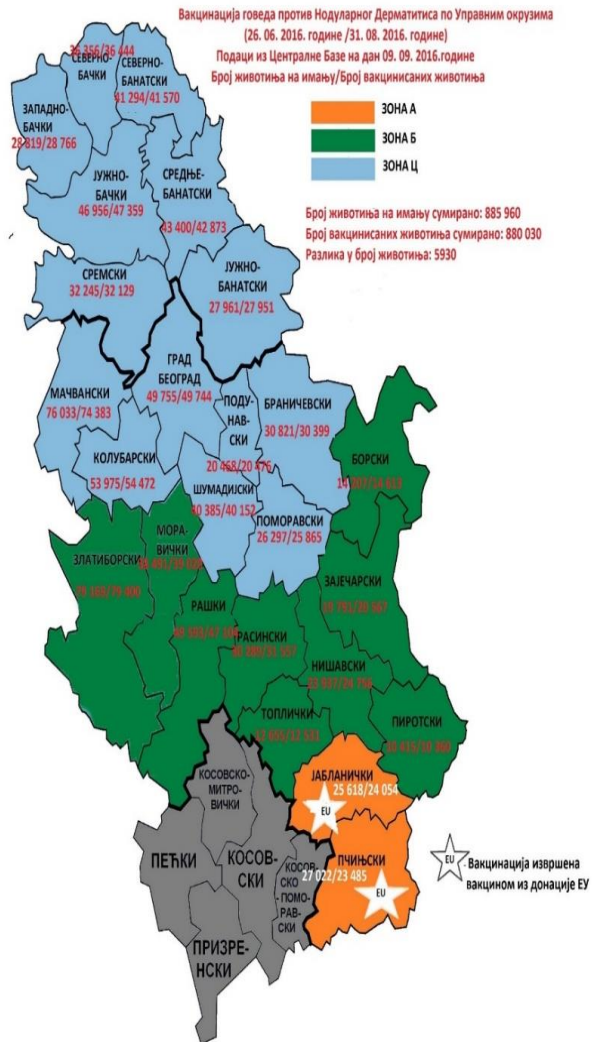
Total number of bovine herds	Number of bovine herds vaccinated	Herd vaccine coverage (% of herds vaccinated)	Total number of bovine animals (heads)	Number of bovine animals vaccinated (heads)	Animal vaccine coverage (% of animals vaccinated)
101.469	82.309	81.20%	648.933	469.719	76.86%

### SERBIA total

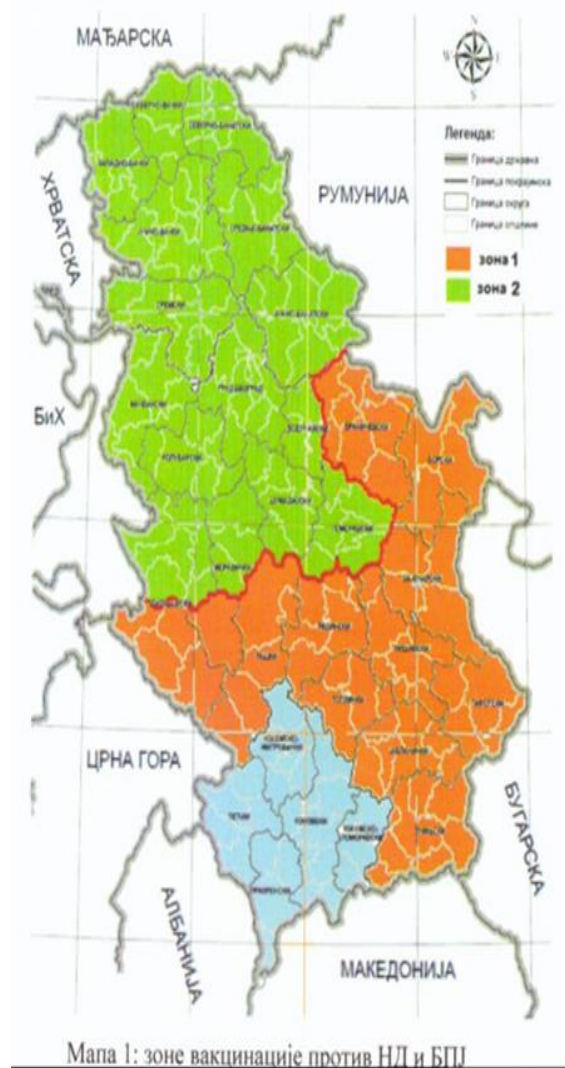
Total number of bovine herds	Number of bovine herds vaccinated	Herd vaccine coverage (% of herds vaccinated)	Total number of bovine animals (heads)	Number of bovine animals vaccinated (heads)	Animal vaccine coverage (% of animals vaccinated)
115.958	87.66	75,6%	917.951	520.276	56,72%

# LSD VACCINATION ZONES – 2016-2017-2018-2019

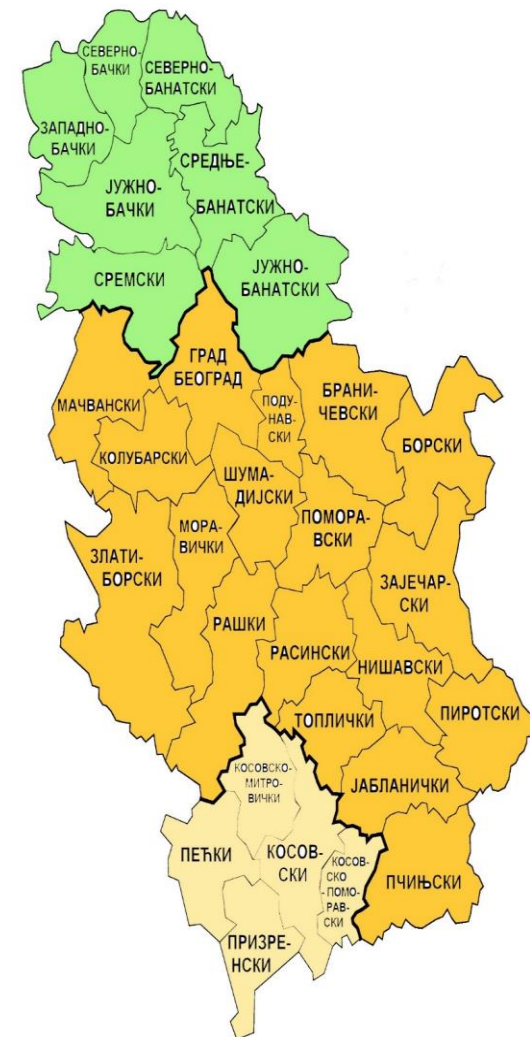
2016



2017-2018



2019



# Lumpy Skin Disease surveillance in 2019

## **Type of surveillance implemented**

*(i.e. active , passive , clinical /serological / virological, please provide short description)*

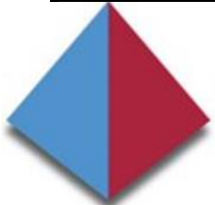
***passive surveillance***





# Lumpy Skin Disease surveillance in 2019

	Number examined	Outcome
Number of <u>LSD suspicions</u> investigated	<b>1 (passive surveillance)</b>	<b>negative</b>
Number of <u>holdings</u> subject to LSD clinical examination	<b>1 (passive surveillance)</b>	<b>negative</b>
Number of <u>animals</u> subject to LSD clinical examination	<b>1 (passive surveillance)</b>	<b>negative</b>
Number of Samples subject to LSD serology (e.g. ELISA , SNT other)	<b>1 (passive surveillance)</b>	<b>negative</b>
Number of Samples subject to LSD virological tests (e.g. PCR, other)		
Comments – other info (if any)		



# Lumpy Skin Disease planning for 2020

*(e.g. LSD vaccination/surveillance, if any)*



**OPTION 1. like in 2019**  
Zone 1: all bovines  
Zone 2: only calves older than 6 months and imported bovines



**OPTION 2**  
Zone 1. extended  
Zone 2. restricted



**OPTION 3: only calves older than 6 months and imported bovines**

