



# Azerbaijan Republic

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## Cattle Population

Type of farming	Total
Cattle population	2451992
Small holdings (less 10 cattle)	75%
Farms	More 11000

- **Seasonal –nomadic farming**
- **Domestic buffalo: Y/115000**

# Animal movement



Tamilla Aliyeva FMD control and prevention in Azerbaijan republic 2012



Regional workshop on lumpy skin disease prevention, control, and awareness

Budapest, Hungary, 7-9 March 2017

# Outbreaks and control measures

- 02/10/2014 Lumpy skin disease
  - Reoccurrence of disease
  - 14 outbreaks
  - Resolved on 25/11/2014
  - Impact 33 deaths out of 2822 cases
- 07/07/2014 Lumpy skin disease
  - First occurrence of disease
  - 2 outbreaks
  - Resolved on 04/09/2014
  - Impact 14 cases no losses
- Control measures during both outbreaks
  - Movement restriction
  - Quarantine
  - Vector control



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# Outbreaks and control measures LSD

17/07/2014



31/10/2014



OIE WAHIS



Shalala Zeynalova et al. Epizootology and Molecular Diagnosis of Lumpy Skin Disease among Livestock in Azerbaijan 2016

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## Diagnostic capacity

Assay	Available	Not available	Testing possible at any time (24/7)
PCR Gel based		Not available	
PCR Real-time	Available		Yes
Virus isolation		Not available	Yes
Serology	Available		Yes

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## LSD Vaccination campaigns

	Start (Date)	Finished (Date)	Vaccination strategy (whole country, ring vacc., buffer zone)	Vaccination coverage in vaccinated areas (%)
LSD Outbreaks	07.07.2014	25.11.2014	Buffer zone only	100%
Vaccination campaign (2016)	February	April	whole country	82%
Vaccination campaign (2017)	March	April	whole country	

- Started tender for vaccine for vaccination campaigns in 2017 Y/September 2016

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## Outbreak response

Measure	Applied			Not applied
Contingency plan available				Not applied
Cattle movement control				Not applied
Cleaning and disinfection	Applied			
Stamping-out policy	Total (all animals)	Partial (only those with clinical signs)	Partial (only severe cases)	Not applied
Disposal of carcasses	Outside			
	Burial			
Vector control	Animals	Facilities	Environment	
Clinical surveillance	Passive			
Serosurveillance				Not applied

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# Challenges

- Lack experience of clinical and lab diagnosis
- Illegal movement
- No identification
- Few researches of wildlife and environment
- High number of animals kept at back yards and small farms
- Sharable pastures
- Traditional farming
- Low level of awareness at that time

# Thank you for your attention