

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 LSD 11

10 February 2022

Israel

Country Update

Update on occurrence and vaccination

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Lumpy Skin Disease – Background information

- **LSD occurrence :** *1989, 2006, 2007, 2012-2013, 2019*
- **LSD Vaccination:** *When an outbreak occurs. Depending its location. 1989, 2006, 2007 – vaccination around the outbreaks.*
 - *2012-2013, 2019-now – all the country*
- **LSD surveillance (active):** *none*



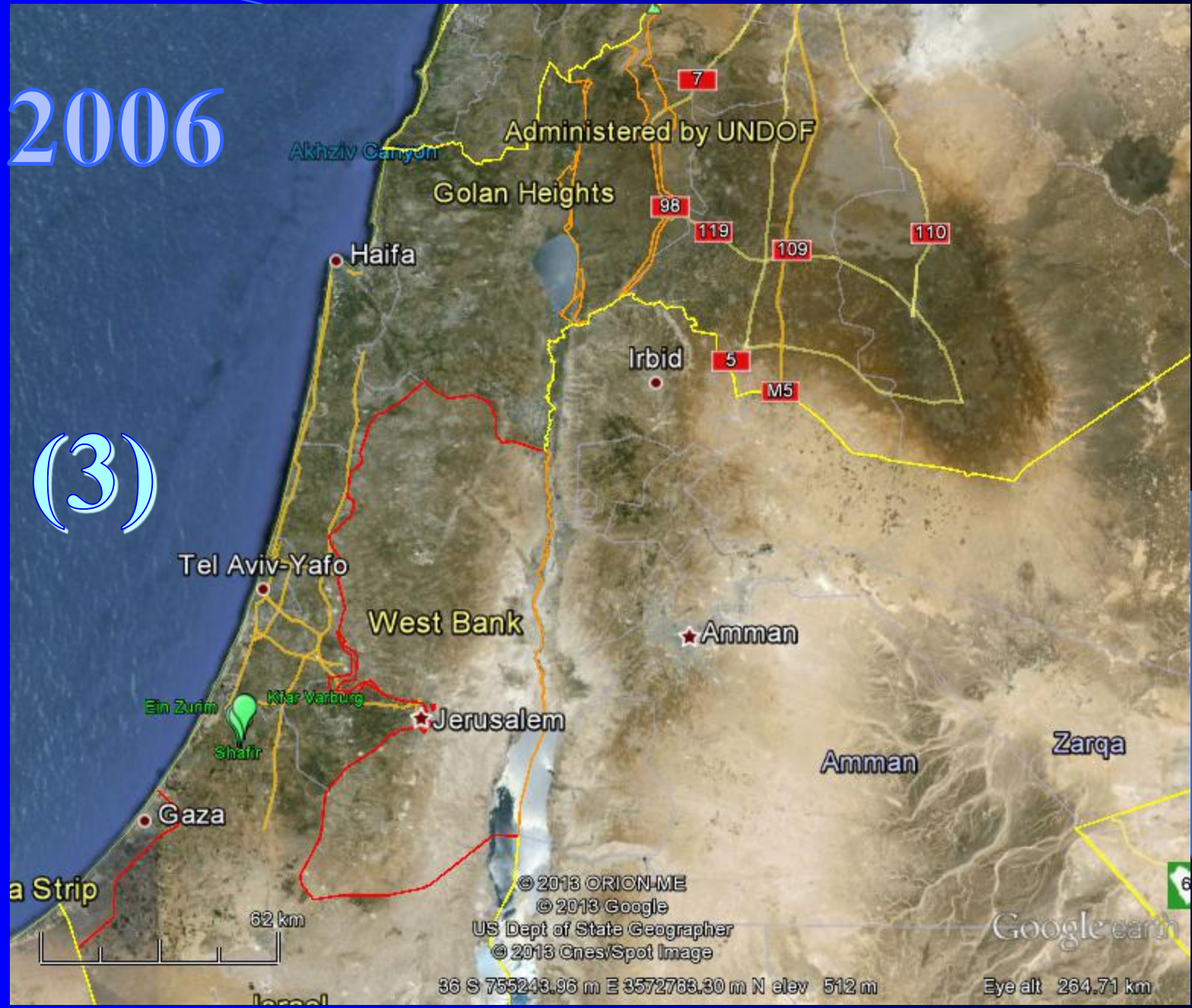
1989

(1)



2006

(3)



2007

(7)



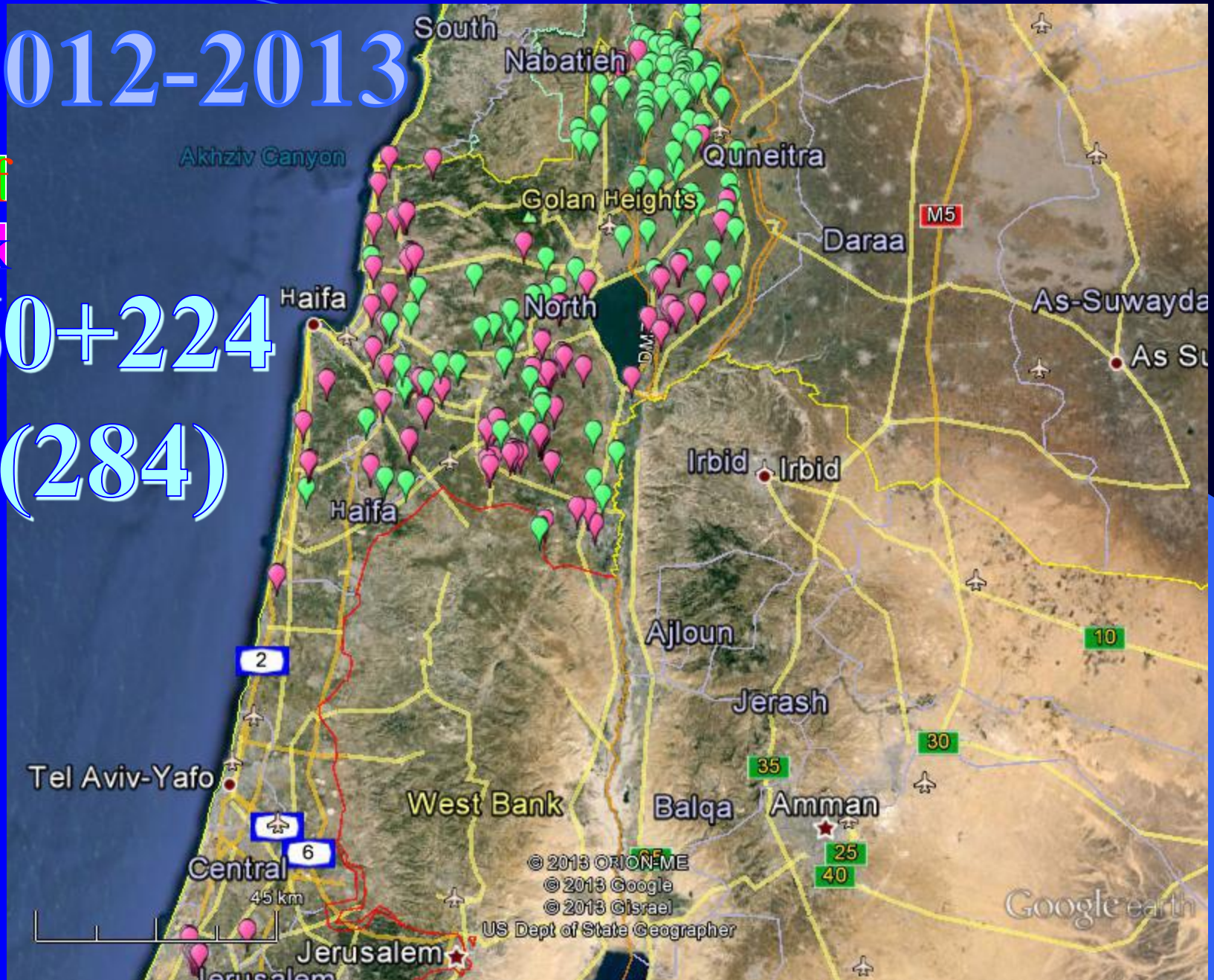
2012-2013

Beef

Milk

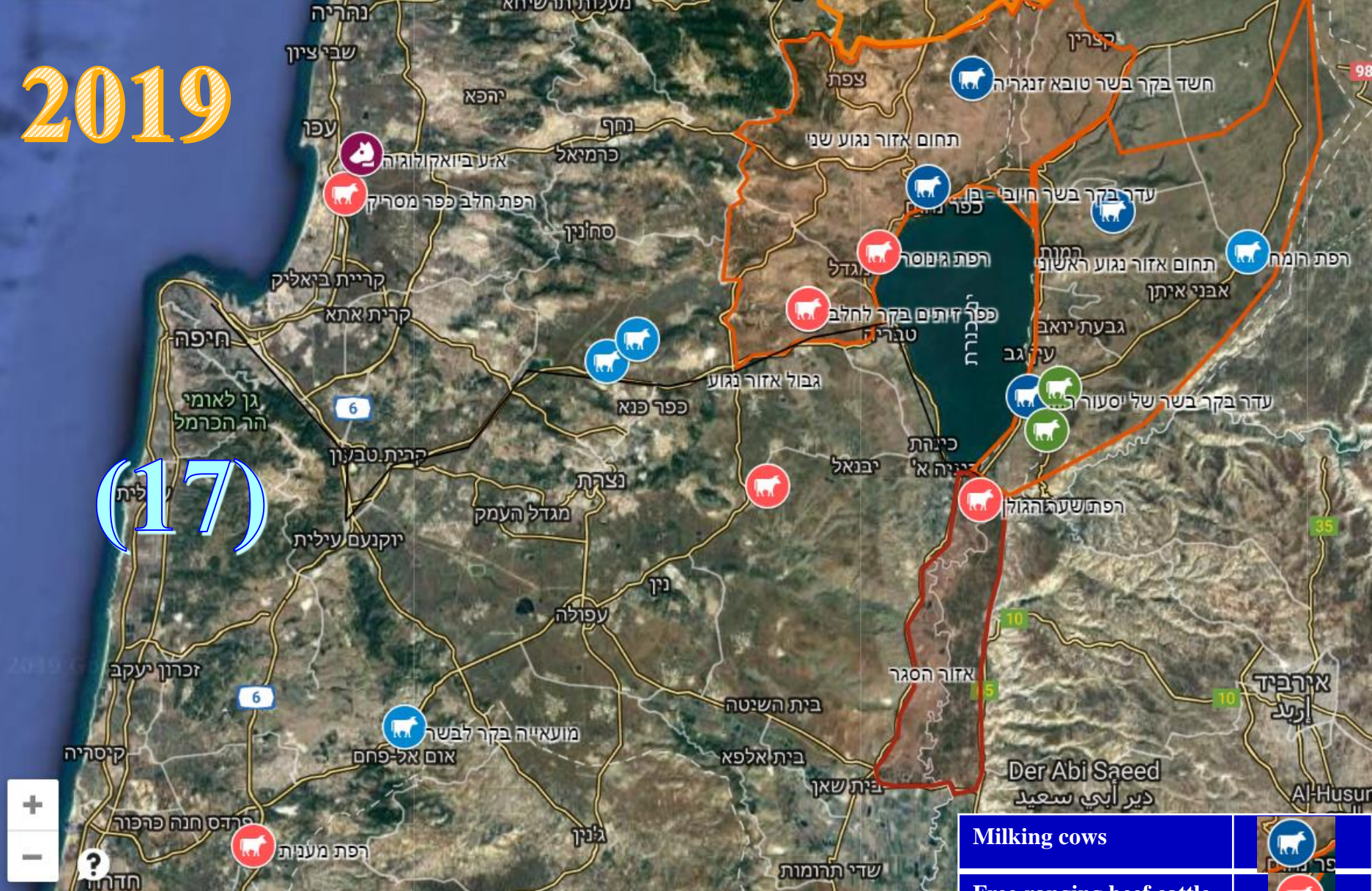
60+224
(284)

10-20/07



2019

(17)

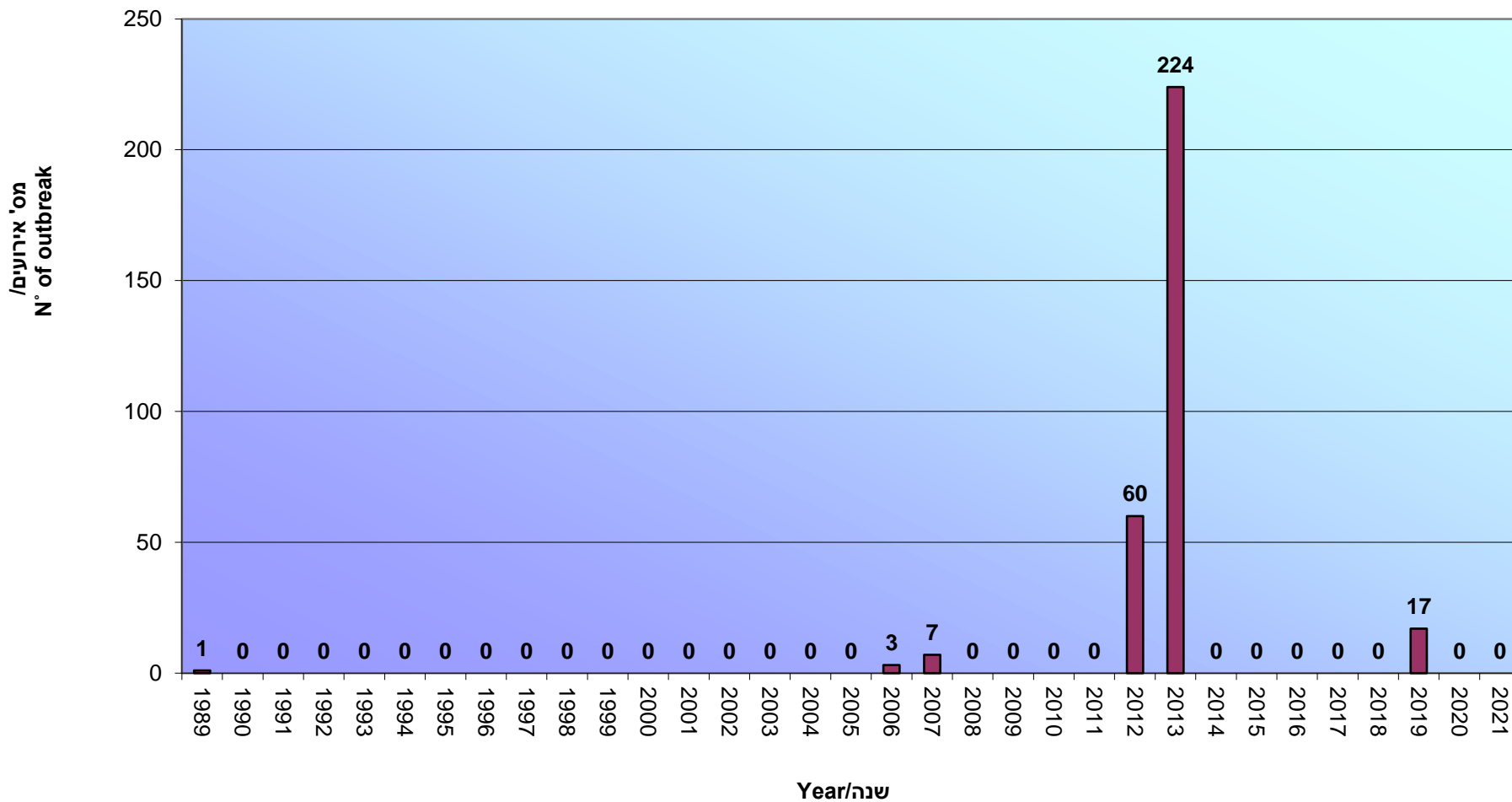


Milking cows	
Free ranging beef cattle	
Feedlot	
Incineration center	





Number of Lumpy skin disease outbreaks 1989-2021



Lumpy Skin Disease – 2021 – NO occurrence



Lumpy Skin Disease – 2021 - Vaccination

- **Number of bovine animals ~ 600,000***
- **Number of bovine animals vaccinated ~450,000**
- **Type of vaccine used - attenuated**
- **Vaccination coverage - 75%**
- **Type of animals vaccinated - Cattle**
- **Area where vaccination is carried out - whole territory**

- * **120,000 milking cows**
100,000 heifers
300,000 fattening
80,000 beef cattle



Mandatory Vaccination (1/08/2019)









200,000



200,000



50,000

Total vaccines: 450,000

Number of bovines 600,000

75%



Lumpy Skin Disease – 2021 - Surveillance

- *No active surveillance*
- *Description of the passive surveillance undertaken*
 - *Samples sent to lab if suspected*
 - *Thorough farmers and vets surveillance, especially in dairy farms.*



Lumpy Skin Disease – 2022 plans

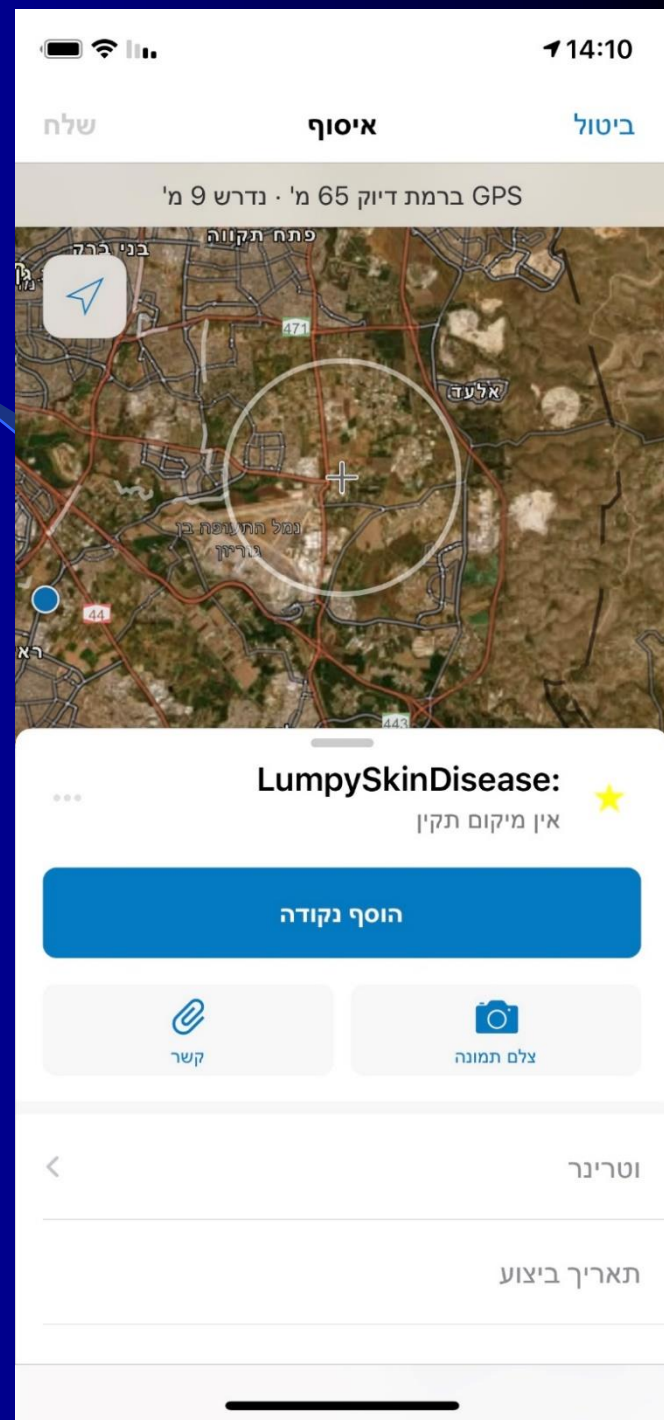
- **LSD Vaccination:** *Once a year*
- **LSD surveillance (active):** *Not Applicable*
- **Other LSD measures :** *none*



New tools that can assist in LSD surveillance and prevention



New application for LSD vaccine reporting



Finding affected herds/animals with a drone



Thank you for listening

