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Mata'Utu, le

## LEPTOSPIROSIS SURVEILLANCE ON THE ISLAND OF FUTUNA

Situation as at 06 April 2008

### Recorded cases

- Number of patients investigated from 01/03 to 06/04/2008: **14**

- Number of new cases recorded over this period: **11** including:

- suspected cases (S) consistent with the clinical description: **0**
- probable cases (P) consistent with the clinical description + presence of anti-*Leptospira* IgM: **2**
- confirmed cases (C) consistent with the clinical description + seroconversion or significant rise in anti-*Leptospira* IgM: **9**

Altogether, since 01/01/2008, **33 cases of leptospirosis / 0 deaths** have been recorded:

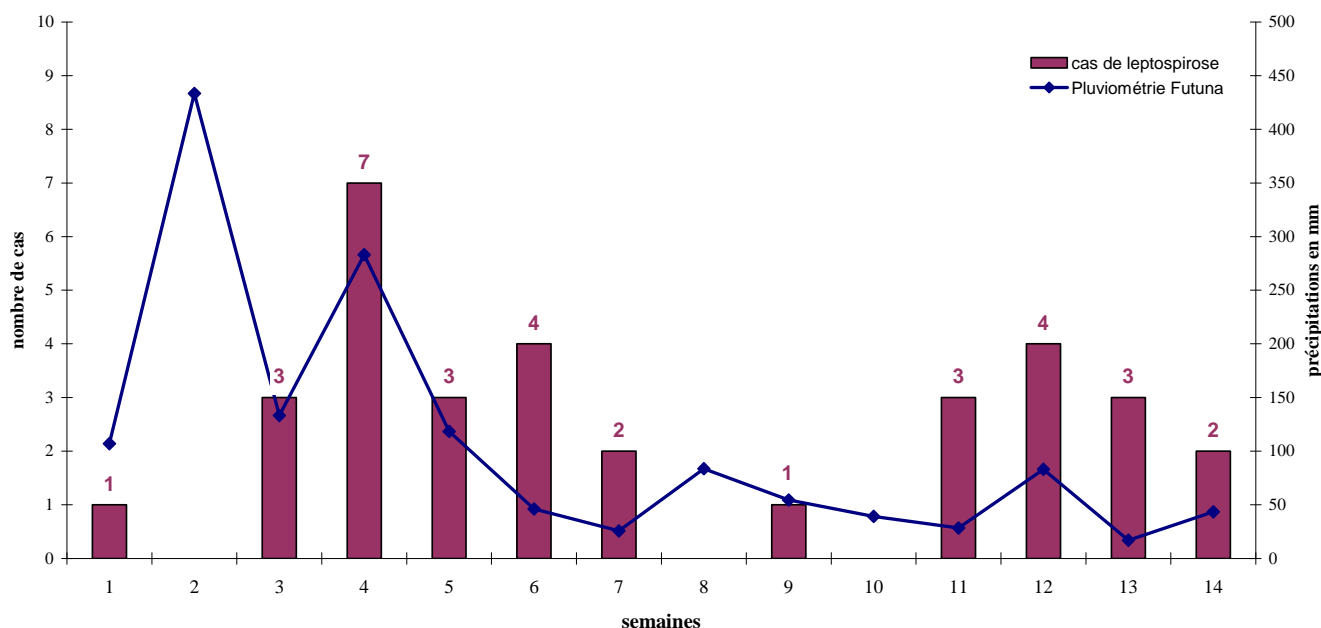
- suspected cases (S) consistent with the clinical description: **1**
- probable cases (P) consistent with the clinical description + presence of anti-*Leptospira* IgM: **6**
- confirmed cases (C) consistent with the clinical description + seroconversion or significant rise in anti-*Leptospira* IgM: **26**

### Chronological distribution

The number of cases of leptospirosis remains distinctly higher than the expected figures, despite the rainfall deficit observed since early February (50 % in February and 60 % in March).

Graph 1: Weekly report of cases of leptospirosis and rainfall on the island of Futuna in 2008

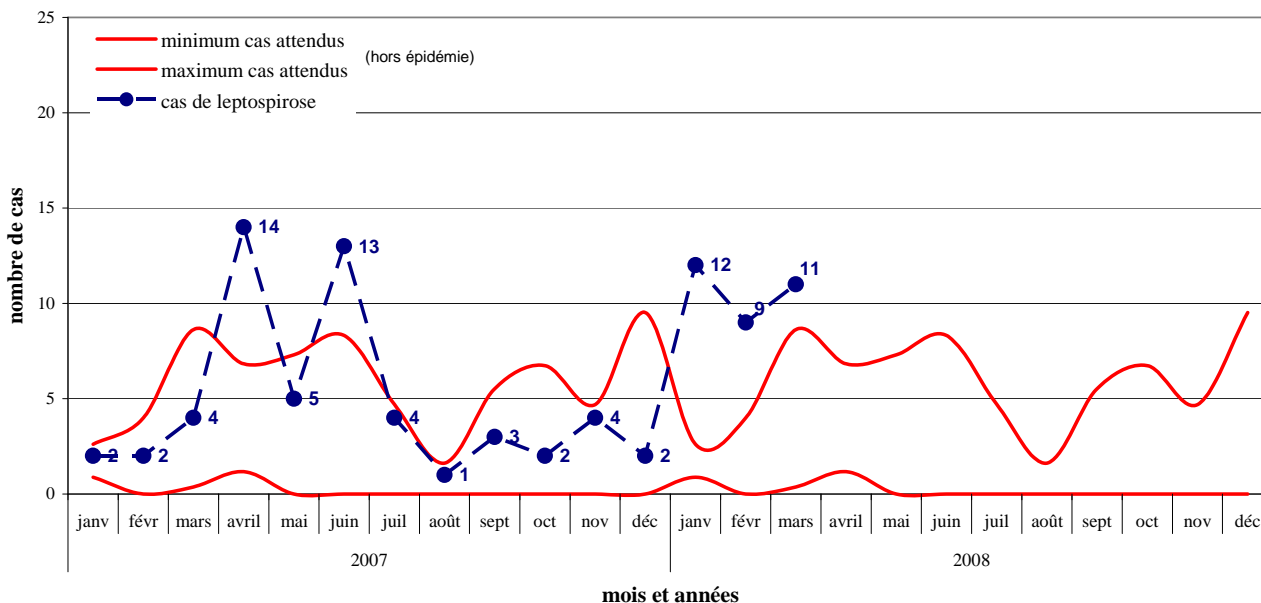
Graphique 1 : relevé hebdomadaire des cas de leptospirose et de la pluviométrie sur l'île de Futuna en 2008



(données pluviométriques gracieusement fournies par METEO-FRANCE)

**Graph 2 : 2007-08 monthly report of cases of leptospirosis on the island of Futuna**

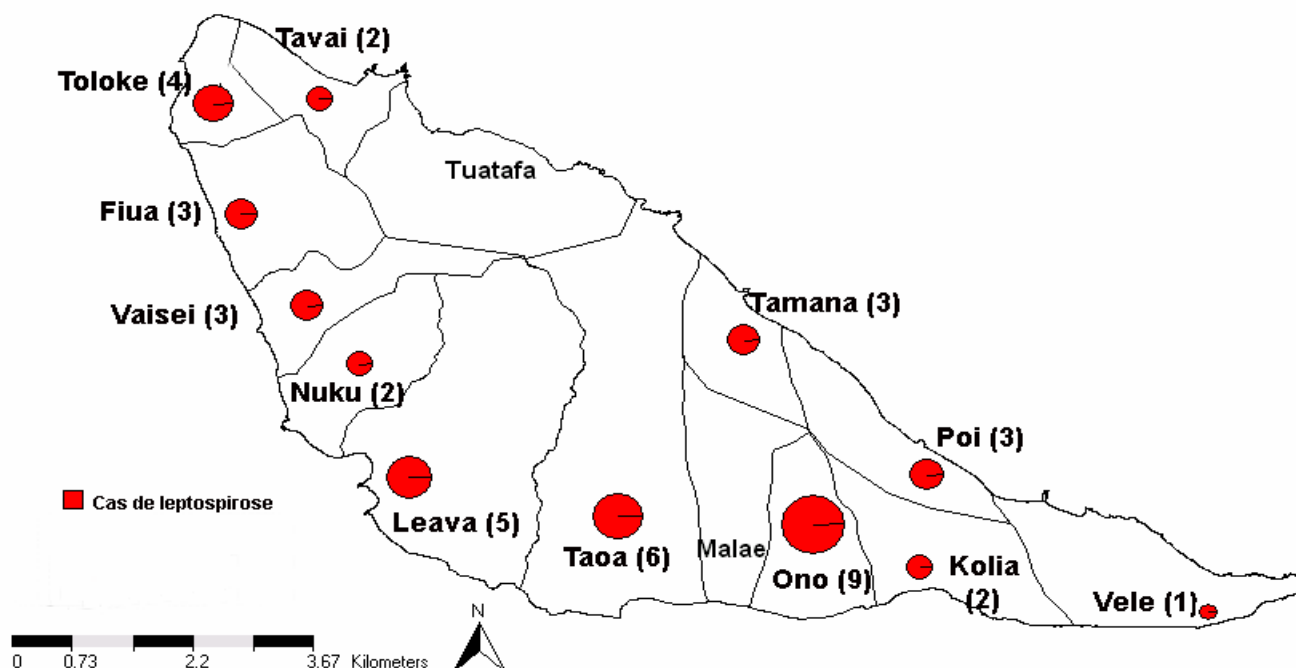
**Graphique 2: relevé mensuel 2007-08 des cas de leptospirose sur l'île de Futuna**



### Geographical case distribution

The whole of the island of Futuna is now affected by leptospirosis. Almost  $\frac{3}{4}$  of the cases (72 %) have been recorded in the Kingdom of Alo.

**Carte 1 : répartition par village des cas de leptospirose sur l'île de Futuna en 2008**





# Agence de Santé du Territoire de Wallis et Futuna



## LABORATOIRE DE BIOLOGIE MEDICALE

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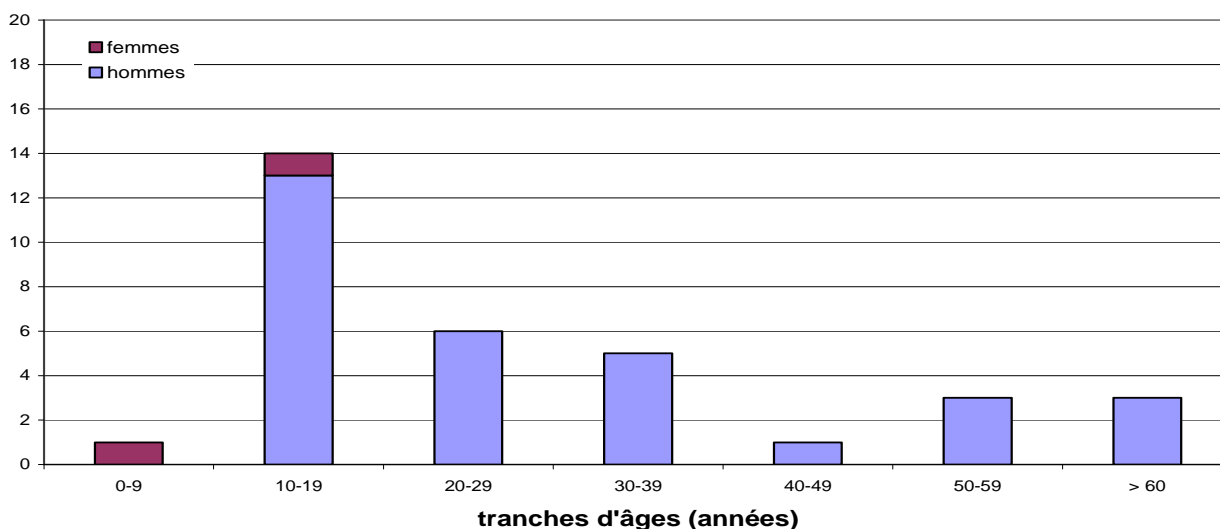
### Population at risk

The male population remains the most affected (94 % of cases).

2/3 of patients are under 30 years of age (average age = 26.5 / extremes: 4 – 61).

Graph 3: Distribution of leptospirosis cases by age group

Graphique 3 : répartition par tranches d'âges des cas de leptospirose



### Comments

Although the expectation was for a reduction in the number of cases in view of the rainfall deficits in February and March, what actually happened on the contrary was a progression and expansion of the disease to the whole island over this period.

This situation justifies maintaining a high level of vigilance.