



**Fiji Communicable Disease Bulletin .**  
**Issue 3: May 2009**

Table 1 : Fiji Syndromic surveillance

Syndrome	MONTH OF ONSET			
	Feb	March	April	Cumulative for year 2009
Diarrhoea <sup>1</sup>	212	594	220	1658
Diarrhoea with blood <sup>2</sup>	3	0	0	8
Influenza-like illness <sup>3</sup>	120	980	370	1229
Acute respiratory infection. <sup>4</sup>	200	2234	945	3006
Acute fever & rash <sup>5</sup>	3	n.a	n.a	7
Acute flaccid paralysis <sup>5</sup>	1	n.a	n.a	1

Notes :

- 1 Source:  
Fiji National Notifiable Diseases Surveillance System (NNDSS); reported as "acute gastroenteritis", "enteritis", "gastroenteritis", "infective diarrhea", "mild gastroenteritis", or "infective enteritis".
- 2 Source:  
NNDSS; reported as "dysentery amoebic & bacillary"
- 3 Source:  
NNDSS; reported as "influenza", or "influenza-like illness".
- 4 Source:  
NNDSS; reported as " pneumonia + ARI", " acute respiratory infection", " acute respiratory illness", " upper respiratory tract infection", "
- 5 Source:  
Hospital Based Active Surveillance System (HBAS)

Table 2: Laboratory confirmed new cases from Fiji Centre for Communicable Disease Control (FCCDC) and divisional laboratories.

April 2009				
Selected Diseases	Tests requested	Tests performed	Positive for the month	Cumulative positive 2009
Measles <sup>1</sup>	14	14	0	3
Rubella <sup>1</sup>	14	14	0	2
Dengue Fever <sup>1</sup>	132	131	61	206
Influenza <sup>1</sup>	0	0	0	3
Leptospirosis <sup>1</sup>	110	98	43	118
HIV/AIDS <sup>1</sup>	31	24	0	4
Typhoid fever <sup>2</sup>	N.A	N.A	36	175
Cholera <sup>2</sup>	N.A	N.A	N.A	0

Notes :

N.A : Not available  
Data Source : 1 : FCCDC Laboratory (Mataika House) 2: Divisional Laboratories CWMH, Labasa & Lautoka Nb: HIV : As reported in the last quarter

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For any inquiries or suggestions, please contact the centre on the number listed above.

Table 1. Fiji National Notifiable Disease Surveillance System

The month of April saw a sharp decrease in the number of reported cases in selected syndromes.

ARI although down, number of cases are still significantly elevated. Of known age groups affected 20% lie in the 1-4yr age group. Furthermore, 40% of ARI cases are Fijian.

In addition to selected syndromes suspected Typhoid cases reported via NNDSS is 38 and non-specified viral illnesses recorded for April end was 2772.

Hospital Based Surveillance System (HBAS)

There are no available data yet for AFR & AFP during the months of March and April. This will be published when they become available.

Table 2. Laboratory Surveillance:

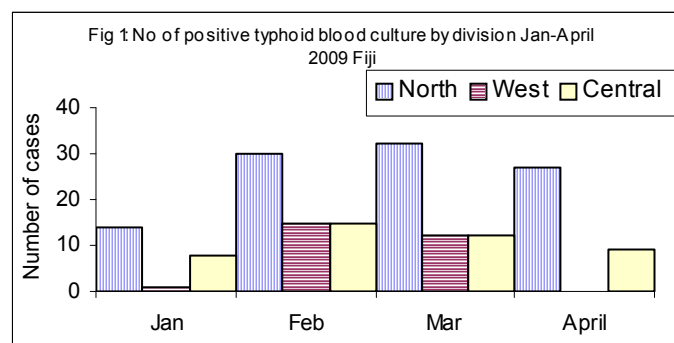


Fig 1 : above indicates the number of Typhoid cases by division for the last 3-4 months. In April 9 cases were reported from Central & West reported nil cases.

**Measles** : Test requests for Measles remains particularly high with the most test requests from the Central division.

**Leptospirosis** – 55 new cases were detected in the month of April. For the year 2009 42% of known cases were recorded in the Central division, 36% in the North & 16% in the West. The youngest cases is of an 8yr old while the eldest case an 84 yr female.

**Dengue fever** : A total number of 74 new cases were detected for March & April. The highest proportion of all positive cases for the year 2009 were from the Northern division at 58% with the lowest in the West at 3%

**HIV**—No positive cases were identified for the month of April.

**Seasonal Influenza**—Table 3 below outlines a summary of PCR tested influenza cases by age group cumulative for the year 2009.

Table 3: Seasonal Influenza cases by age group in Fiji Jan-18th May 2009

Age in years	Influenza AH1	Influenza B	Undetermined	Neg	Total cases
0-9	0	0	0	4	4
10-19	3	0	0	7	10
20-29	0	0	1	6	7
30-39	2	0	1	4	7
40-49	1	0	1	2	4
50-59	0	1	0	1	2
Total cases	6	1	3	24	34

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