

Table 1: Fiji National Notifiable Diseases system January-September 2011 (NNDSS)

Syndrome	Month of onset									
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Cum. total
Diarrhoea <sup>1</sup>	1,825	1,928	1,647	1,371	1,715	2,034	2,290	2,007	494	15,311
Diarrhea with blood <sup>2</sup>	12	8	30	31	14	21	37	35	6	194
Influenza-like—illness <sup>3</sup>	1,925	2,030	1,230	2,230	845	2,462	2,340	2,241	644	15,947
Acute respiratory Infections <sup>4</sup>	4,647	4,075	3,149	3,566	4,503	5,708	6,128	6,562	714	39,052
Acute Fever & Rash <sup>5</sup>	-	-	-	-	-	-	-	-	-	-
Acute flaccid paralysis <sup>5</sup>	-	-	-	-	-	-	-	-	-	-

#### NNDSS Highlights

Acute respiratory infections peaked in August. For both Aug & Sept. high cases were documented in Navua, Sigatoka & Valelevu medical areas.

Diarrhea with blood: Valelevu documented an increase in cases for Aug. Overall a decline in cases is noted.

Little information is documented on the age group & gender most affected for both conditions above.

NNDSS further highlights in addition: Conjunctivitis still continues to be reported from all divisions. Unspecified viral infections observed a peak in the months of July-Aug.

Notification rates to NNDSS for Sept 68%, therefore counts will vary in later months

HBAS: Statistics were unavailable at time of publication.

#### Notes:

1 Source: Fiji National Notifiable Diseases Surveillance System (NNDSS); reported as "acute gastroenteritis", "enteritis", "gastroenteritis", "infective diarrhoea", "mild gastroenteritis", or "infective enteritis".

2 Source: NNDSS; reported as "dysentery amoebic & bacillary"

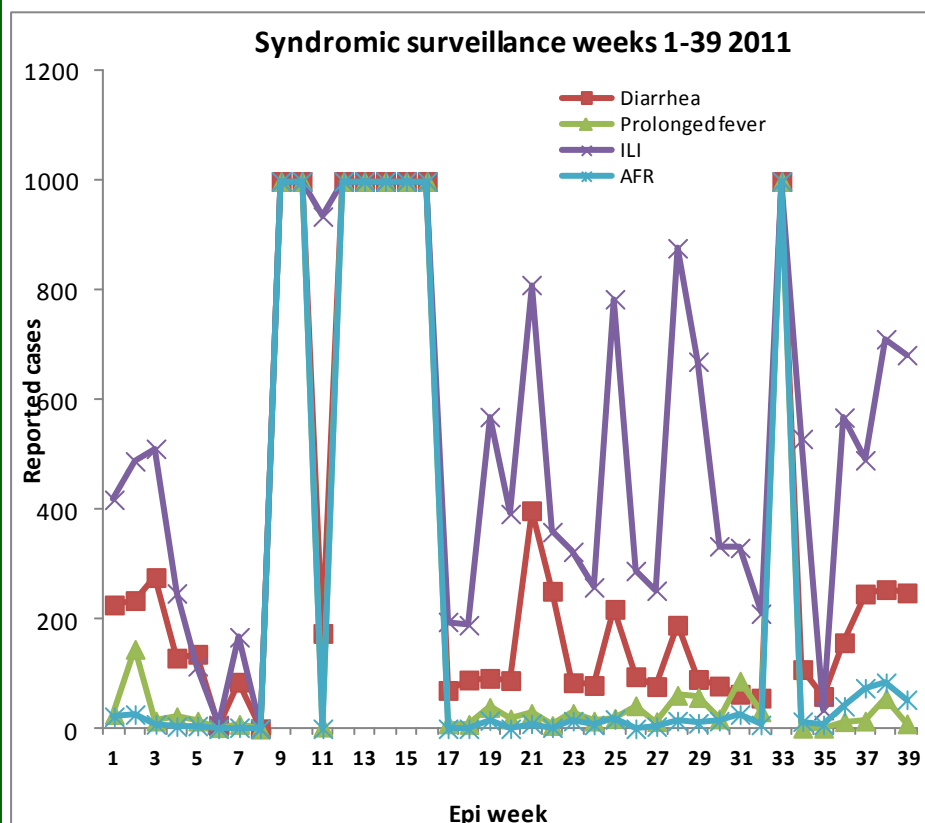
3 Source: NNDSS; reported as "influenza", or "influenza-like illness".

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)

- indicates that no information was available at time of printing

### Fiji Syndromic surveillance on M-Health



**Syndromic:** During the month of Sept (wks 35-39 ) Labasa, Valelevu, Nuffield & Rai-waqa continue to register high numbers of AFR.ILI at Valelevu registered >1800 cases for Sept.alone. Prolonged fever in Labasa , CWMH & Sigatoka were numerous.

**Events based:** No calls logged

**Lab based:** 2 Influenza samples were received during this month. Both tested negative on pcr.

Sampling of patients fitting ILI (Flu specific ) and AFR case definitions is continually encouraged for sites seeing significant case counts .

Sites are advised to contact FCCDC regarding this.

**Table 2: Laboratory confirmed cases from FCCDC and divisional laboratories 2011**

Selected diseases	Tests requested						Current month positive (Sept.)	Cumulative positive cases (Jan-Sept.)
	May	June	July	Aug	Sept.	Cumulative tests requested		
Measles <sup>1</sup>	4	1	51	24	30	121	0	0
Rubella <sup>1</sup>	4	1	-	160	111	286	24	101
Dengue Fever <sup>1</sup>	21	58	38	21	19	198	5	60
Influenza <sup>1</sup>	17	12	11	0	2	86	0	0
Leptospirosis <sup>1</sup>	23	55	18	8	3	160	1	95
HIV/AIDS <sup>1</sup>	25	17	22	11	2	153	-	-
Typhoid fever <sup>2</sup>	-	-	-	-	-	-	13	301
Cholera <sup>2</sup>	0	0	0	0	0	0	0	0

Legend :

- : Not available

Data Source :

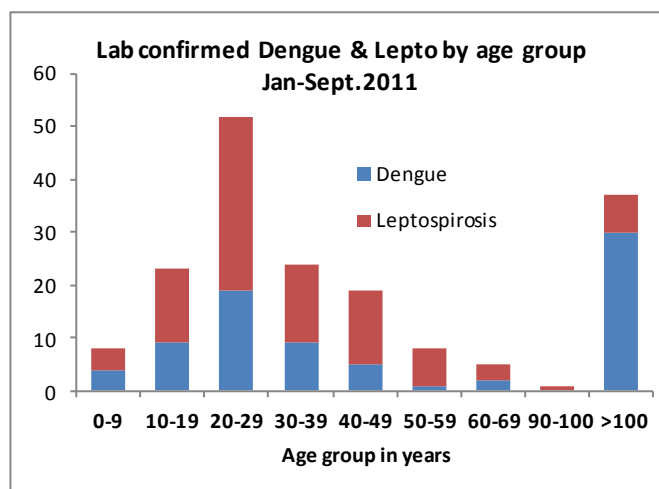
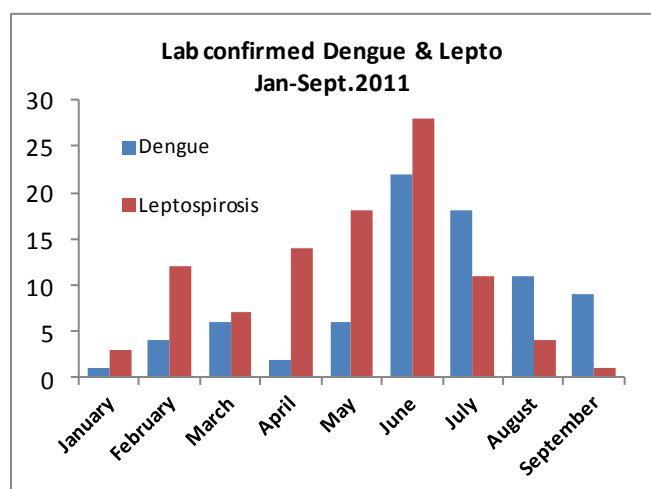
1. 1 : FCCDC Laboratory (Mataika House)

2. 2: Divisional Laboratories CWMH, Labasa & Lautoka

3. HIV : Case count pending endorsement before publication

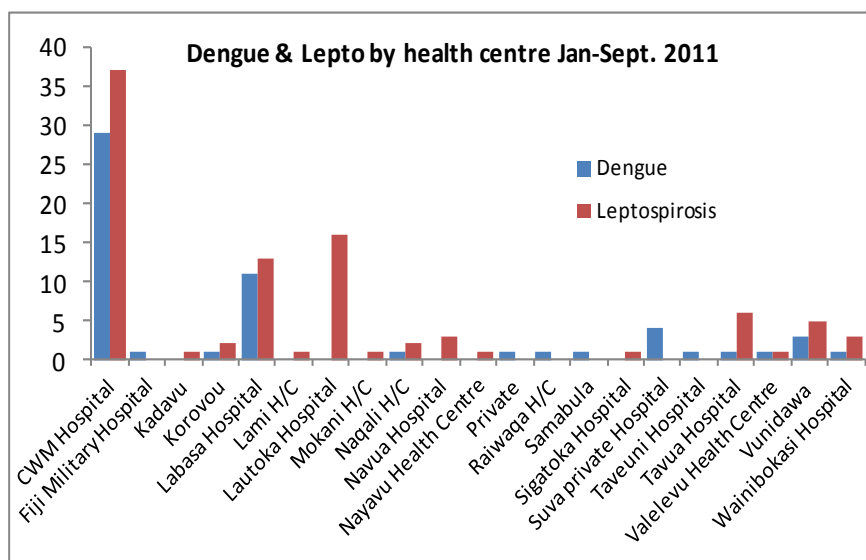
**Epi notes :**

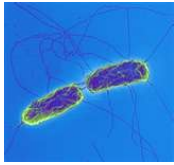
Cumulative and lab confirmed **Dengue & Leptospirosis** are shared in graphs below. By gender males were more affected compared to females representing 58% of all Dengue cases and 68% for Leptospirosis. Overall by division more cases were documented via the Central division. The Western division reported more cases of Leptospirosis compared to the other two divisions.



**Rubella** outbreak cases continue to be reported in all divisions. Brief overview below.

As at week 39 (April-Sept)	Positive	Equivo-cal
Cumulative case count	101	39
Cases by division		
Central	84	32
Western	14	6
Northern	3	1
Eastern	0	0
Cases by gender		
Female	13	7
Male	88	32
Age range	1-55yrs	10-51yrs



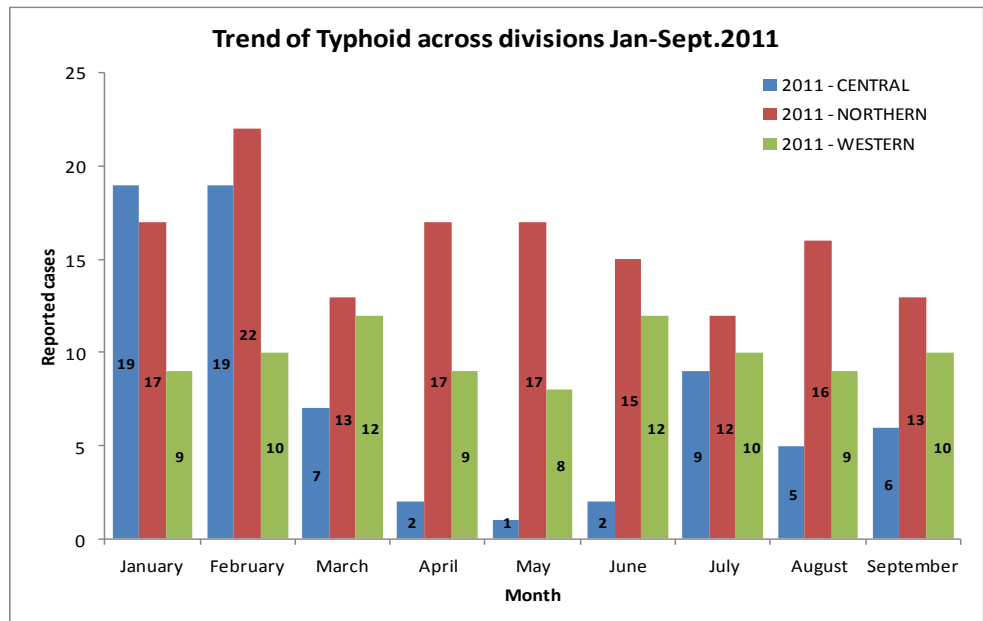


## Typhoid

As at 30th September 2011 cumulative case count is 301. Typhoid activity in the North continues. Nabouwalu, Labasa & Savusavu

hospitals documented 13 cases collectively during month September.

As at week 39	Cumulative positive
Cumulative case count	301
By health division	
Central	70
Western	89
Northern	142
Eastern	-
Cases by gender	
Female	139
Male	162
Age range	0-95yrs



### Other news .

**Measles outbreak in New Zealand:** There has been a total of 358 cases of measles (343 confirmed and 15 probable) reported in New Zealand since 1 January 2011, and of these 64 cases have needed hospital treatment so far this year, 40 of them in the last 5 weeks (including 33 from Auckland City). For more updates please click on this link: <http://www.moh.govt.nz/moh>. **Polio outbreak in China:** As of 19 October there are 18 confirmed polio cases; 12 in Hotan prefecture, 5 in Kashgar prefecture and 1 in Bazhou prefecture. Half of the cases are in very young children (under 3 years of age) and half in young adults (19-31 years old).

Please feel free to contact the centre for any further clarifications and or suggestions regarding this publication.

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