

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 ¹	1,825	1,928	1,647	1,371	1,715	2,034	2,290	2,007	494	15,311
Diarrhea with blood ²	12	8	30	31	14	21	37	35	6	194
Influenza-like—illness ³	1,925	2,030	1,230	2,230	845	2,462	2,340	2,241	644	15,947
Acute respiratory Infections ⁴	4,647	4,075	3,149	3,566	4,503	5,708	6,128	6,562	714	39,052
Acute Fever & Rash ⁵	-	-	-	-	-	-	-	-	-	-
Acute flaccid paralysis ⁵	-	-	-	-	-	-	-	-	-	-

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"

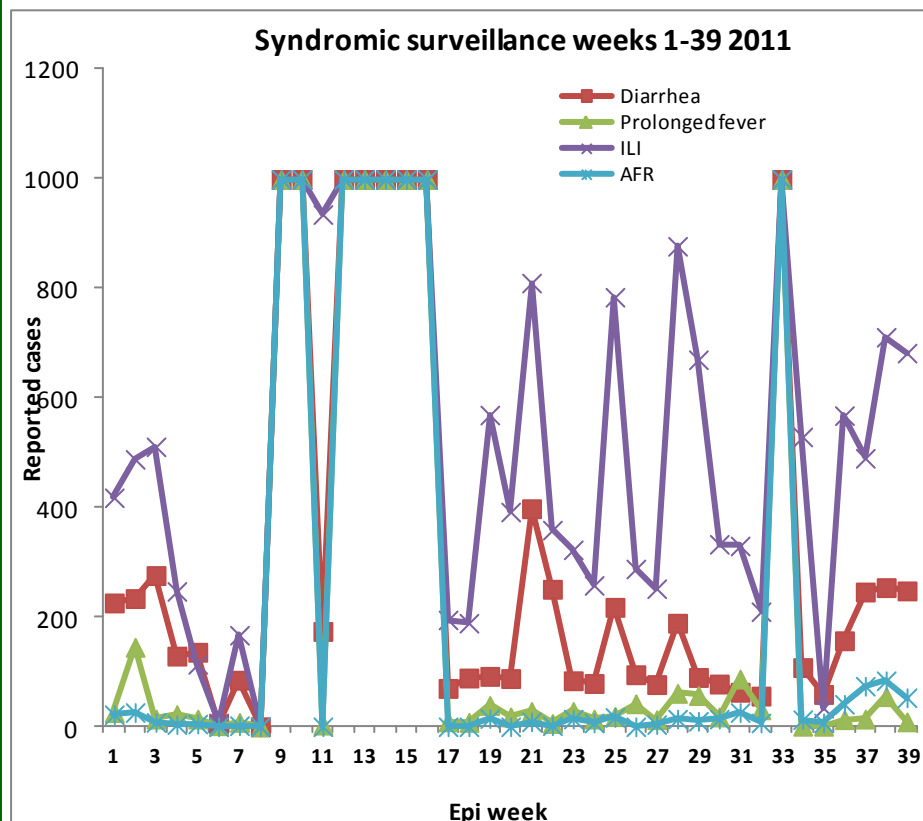
3 Source: NNDSS; reported as "influenza", or "influenza-like illness".

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 ¹	4	1	51	24	30	121	0	0
Rubella ¹	4	1	-	160	111	286	24	101
Dengue Fever ¹	21	58	38	21	19	198	5	60
Influenza ¹	17	12	11	0	2	86	0	0
Leptospirosis ¹	23	55	18	8	3	160	1	95
HIV/AIDS ¹	25	17	22	11	2	153	-	-
Typhoid fever ²	-	-	-	-	-	-	13	301
Cholera ²	0	0	0	0	0	0	0	0

Legend :

- : Not available

Data Source :

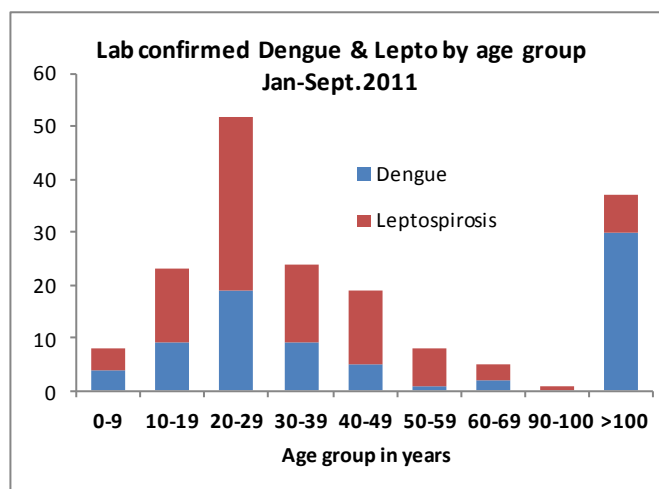
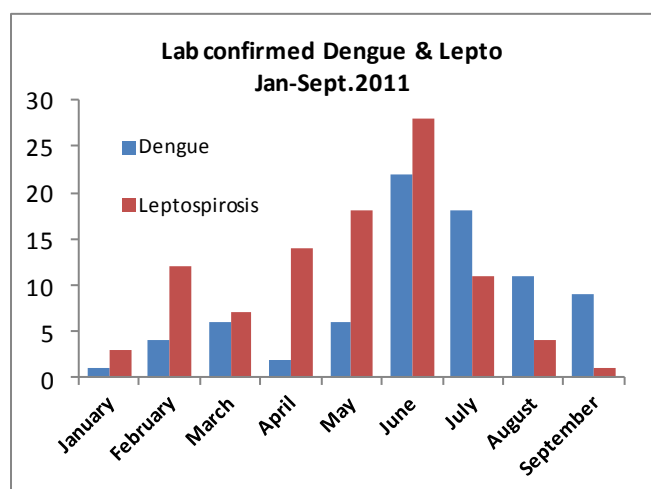
1. 1 : FCCDC Laboratory (Mataika House)

2. 2: Divisional Laboratories CWMH, Labasa & Lautoka

3. HIV : Case count pending endorsement before publication

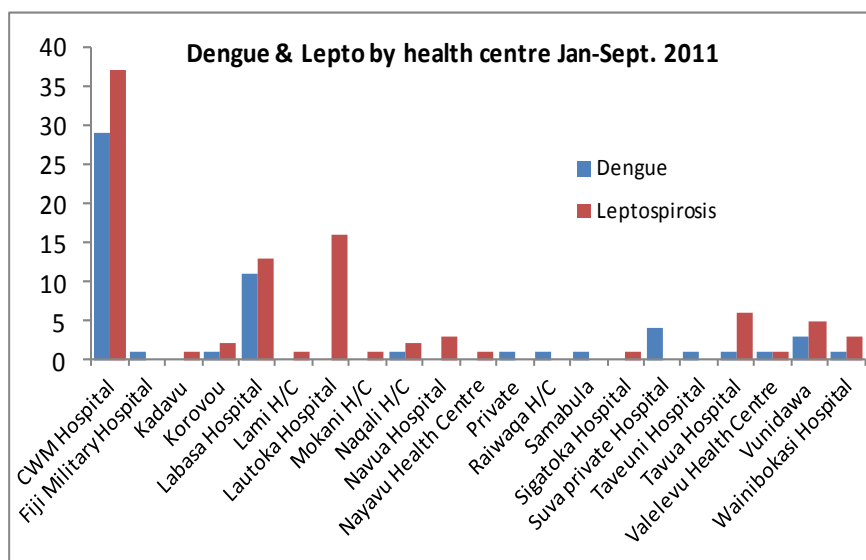
Epi notes :

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



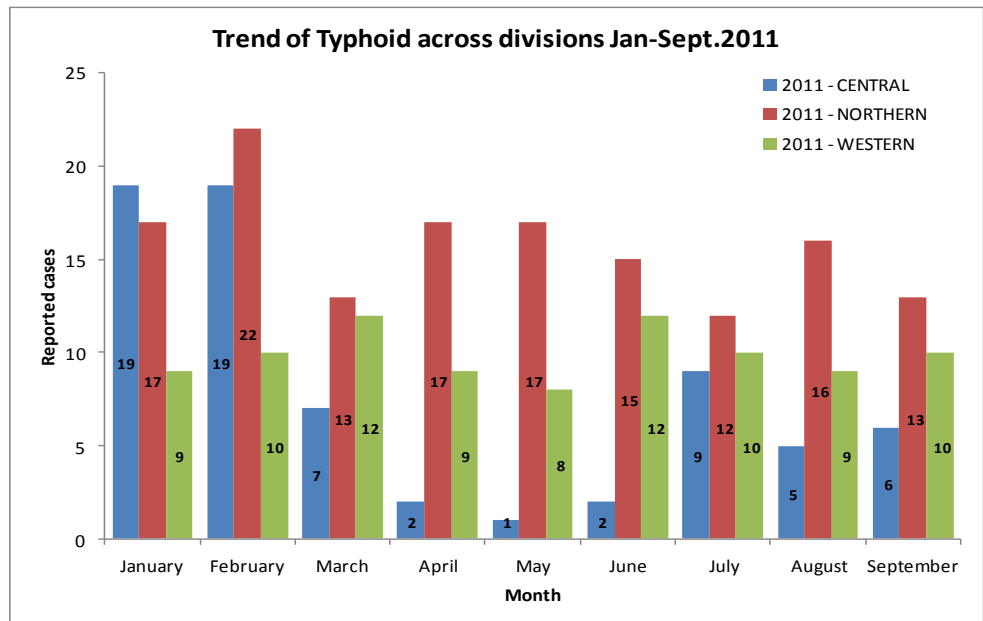


Typhoid

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.

Acknowledgement to the MoH health information unit, divisional laboratories and reporting officers for continued contribution to this publication. Also to WHO Pacific Technical Division Suva office for technical advise & support.

