



Fiji Communicable Disease Bulletin .
Issue 5. 2009

Table 1 : Fiji Syndromic surveillance

Syndrome	MONTH OF ONSET				Cumulative for year 2009
	April	May	June	July	
Diarrhoea ¹	220	569	875	562	3,664
Diarrhoea with blood ²	0	7	10	2	27
Influenza-like illness ³	1,508	1,536	942	1,908	10,411
Acute respiratory infection. ⁴	945	2,145	2,591	1,770	10,790
Acute fever & rash ⁵	-	-	-	-	7
Acute flaccid paralysis ⁵	-	-	-	-	1

Notes :

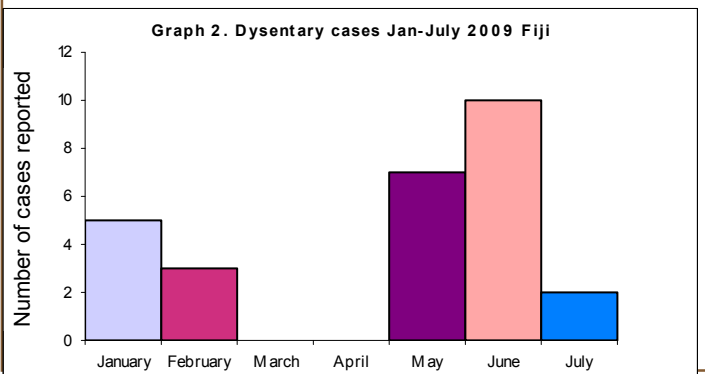
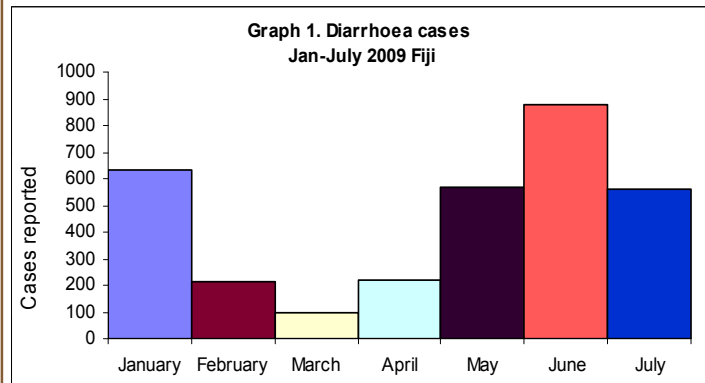
- 1 Source: Fiji National Notifiable Diseases Surveillance System (NNDSS); reported as "acute gastroenteritis", "enteritis", "gastroenteritis", "infective diarrhoea", "mild gastroenteritis", or "infective enteritis".
- 2 Source: NNDSS; reported as "dysentery amoebic & bacillary"
- 3 Source: NNDSS; reported 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)

Hospital Based Surveillance System (HBAS)

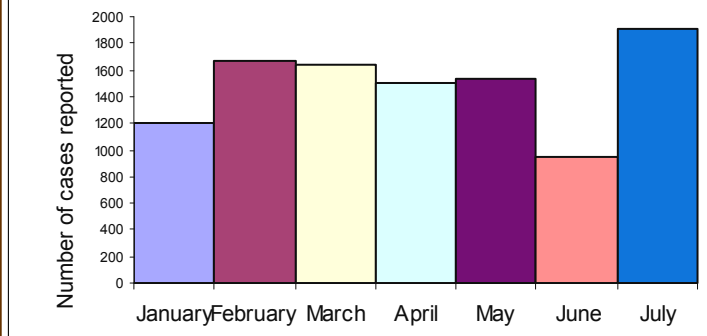
There are no available updates from HBAS at the time of this publication. Updated figures will be provided when available.

Table 1. Fiji National Notifiable Disease Surveillance System

Diarrhoea: Approximately 48% of known & documented cases lie in the 1-9yr old age bracket. Furthermore, the graphs below shows the cumulative number of cases reported by month for both diarrhea & dysentery. There were no dysentery cases documented for March & April.



Graph 3. ILI cases reported for Jan-July 2009 Fiji.



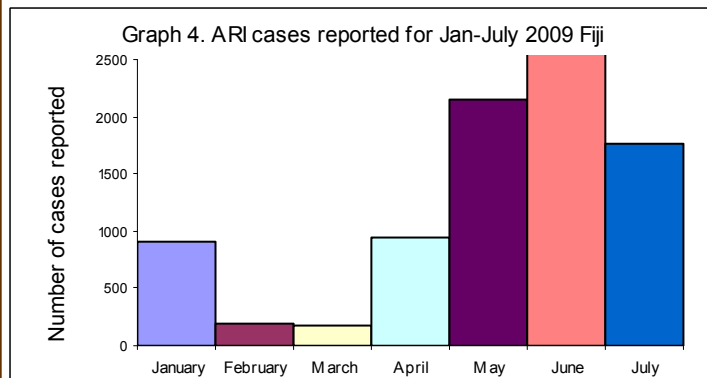
Graph 3 beside shows the total **ILI** cases reported via NNDSS. The peak in 2009 was in July as opposed to March (according to past 5yrs NNDSS data) and at the start of Aug ILI activity had dramatically decreased. The second peak is thought to be September.

Table 2. ILI activity during the H1N1 pandemic peak Fiji

Week Beginning	Northern	Central	Western
1 June	20	90	82
8 June	24	94	73
15 June	23	89	104
22 June	27	129	105
29 June	65	114	159
6 July	54	127	109
13 July	44	154	73
20 July	46	361	290
27 July	67	292	605

Table 2 beside gives us a closer look at ILI activity during the pandemic phase. ILI is presented by division for the period June- July 27th

Graph 4. ARI cases reported for Jan-July 2009 Fiji



Graph 4 left **Ari** cases started rising in April and peaked in June. The most cases reported were from Sigatoka & Korolevu. To compare in 2008 ARI cases reported for the same period were twice over. Whether this is due to incomplete reporting for 2009 cannot be determined as yet.

Table 3: Laboratory confirmed new cases from Fiji Centre for Communicable Disease Control (FCCDC) and divisional laboratories.

July 2009				
Selected Diseases	Tests requested July	Tests performed July	Positive for the month July	Cumulative total 2009
Measles ¹	8	8	0	5
Rubella ¹	8	8	0	3
Dengue Fever ¹	3	2	1	248
Influenza ^{1*}	406	198	121	186
<i>Pandemic Influenza A H1N1</i>				169
<i>Seasonal Influenza A H1, A H3 & B</i>				17
Leptospirosis ¹	5	5	0	150
HIV/AIDS ¹	17	Sent to reference lab.	-	4
Typhoid fever ²	-	-	-	175
Cholera ²	-	-	-	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 2nd quarter Influenza tests conducted on PCR & includes Tuvalu influenza samples				

Table 3 beside shows the number of test requests & performed at the centre.

Special note on Influenza:

Cumulative total positive for the Pandemic Flu A H1N1 consists both Fiji(146) & Tuvalu(23) positives

Outbreak news - Other PIC'S

PNG: A Cholera outbreak has been declared in the Wasu area of Finschhafen District in Morobe Province. Full information can be found at the following web news article posted on www.postcourier.pg.

Funny corner !

First need in the reform of hospital management? That's easy! The death of all dieticians, and the resurrection of a French chef.

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

Acknowledgements

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