



SPC
Secretariat
of the Pacific
Community

Daily Situational Report Number 2

Enhanced Syndromic Surveillance System
Government of Samoa, Ministry of Health
National Disease Surveillance & International
Health Regulations Division, Apia, Samoa
Telephone: (685) 68157/68152/68156
Website: <http://www.health.gov.ws>



Date of report: 5th of September for cases presenting on: 4th September 2015

Summary

Key findings

- 78 syndrome cases reported for the 4th of September (41.1% of encounters)
- Dengue-like illness (DLI): cases continuing. 13 cases reported (6.8% of encounters)
- Influenza-like-illness (ILI): still ongoing with 86 cases reported (45.3% of encounters)
- Diarrhea: 8 cases reported (4.2% of encounters)
- Fever & Jaundice: 7 cases (3.7% of encounters) for 4th September from the same GP
- Prolonged Fever: 1 case (0.5% of encounters) for 4th September from TTMH Acute Primary Care Clinic and Emergency Department

Conclusion and recommendations

- Total of 40 cases of DLI reported since the start of enhanced syndromic surveillance on 31st August 2015 with average of 8 cases per day. 2 cases of DLI reported from Apia Park were young Samoan females (high school students) preparing for the opening ceremony.
- Total of 165 cases of ILI reported over the last two days. NPS is encouraged for all sites reporting cases
- Risk communication for sanitation and hygiene measures encouraged with emphasis on hand washing, mosquito bite prevention and source reduction

Current outbreaks or public health incidents of importance to the CYG that are occurring in the region and globally

- Dengue sero-type 3 outbreak ongoing in Samoa. Cases have declined from the peak of and plateaued at around 60 to 70 cases per week for the last 3 weeks. See MoH Sitrep number 5

Coverage: 9 points of care are included in the enhanced syndromic surveillance system. For the date indicated above, 8 points of care submitted reports. Only 4 sites reported syndrome cases. 1 site did not report.

Overview analysis:

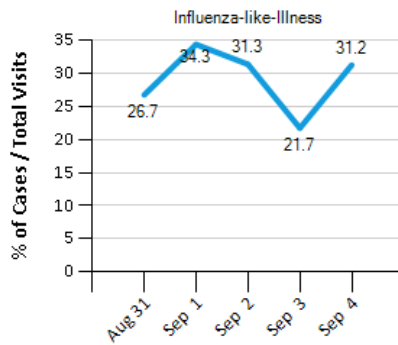
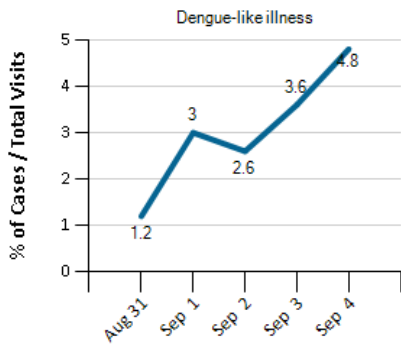
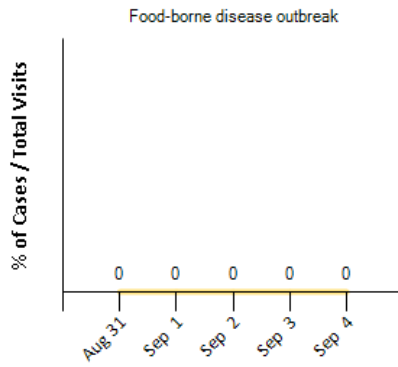
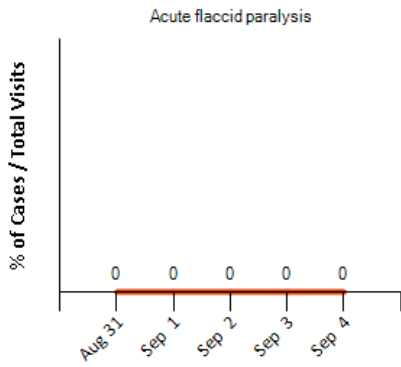
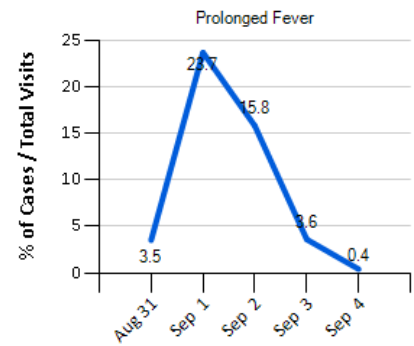
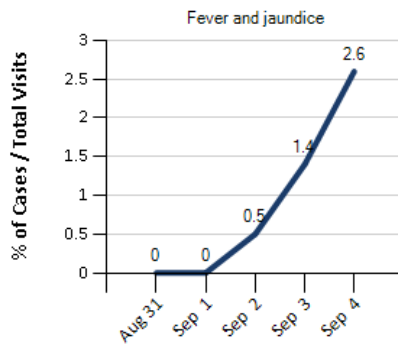
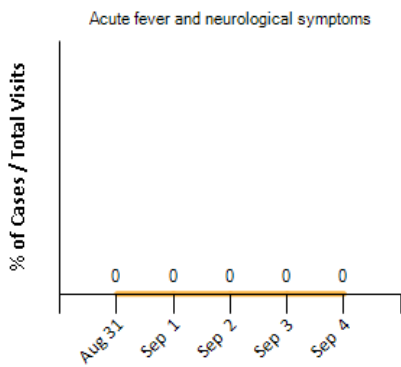
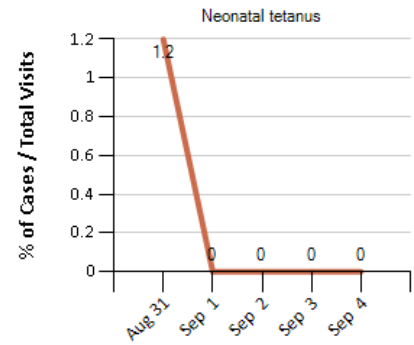
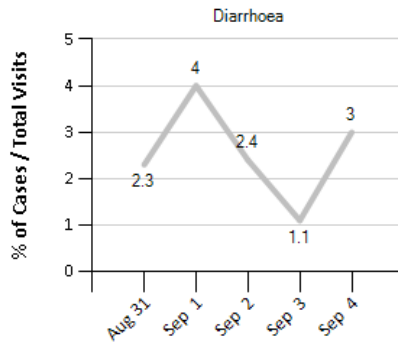
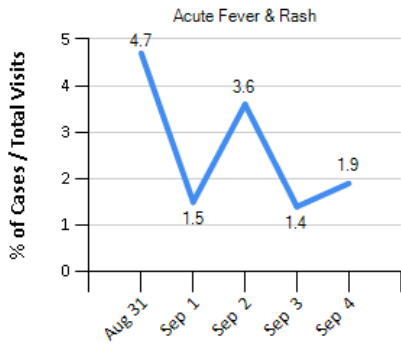
Point of care	Number of cases observed for the date above											
	AFR	Acute fever and neurological symptoms	Acute flaccid paralysis	Dengue-like illness	Diarrhoea	Fever and jaundice	Food-borne disease outbreak	ILI	Neonatal tetanus	Prolonged Fever	Total Syndromes [#]	Total Encounters [*]
Apia Park	2	0	0	2	1	0	0	1	0	0	4	8
GP clinic 1	3	0	0	2	1	7	0	11	0	0	12	26
GP clinic 2	0	0	0	1	3	0	0	6	0	0	10	45
TTMH GOPD	0	0	0	8	3	0	0	66	0	1	78	190
TOTAL	5	0	0	13	8	7	0	84	0	1	104	269
Daily State Threshold	2	1	1	1	3	1	2	75	1	10		

If a cell is coloured red, the value is equal to or has exceeded the threshold.

^{*}Encounter cases represent all acute care cases visiting a hospital/clinic regardless of whether they have one or more of the 10 syndromes e.g., a sprained ankle would be included in the 'encounter case' count

[#]Syndrome cases represent all acute care cases visiting a hospital/clinic who have one or more of the 10 syndromes e.g., a sprained ankle would NOT be included in the 'syndrome case' count

**Epicurve of daily % of syndromes to total visits, by syndrome
(31/08/2015 to 04/09/2015)
All Clinics**



Interpretation of EpiCurve:

- DLI cases increasing with an average of 8 cases per day
- Even though ILI cases are increasing the proportion to total encounters remain similar

Summary of detailed analysis for ongoing investigations - for any syndrome where the set state daily threshold is reached (or was reached in previous days) and, following confirmation of cases, it was decided to undertake an investigation

- Acute fever and jaundice cases have exceeded daily threshold and arising out of the same sentinel site.

Action:

- DLI cases reported from Apia Park were further investigated and the school that they were boarding in was visited by the response team. All students have been sent home. Focal spraying of the school has been recommended
- Acute fever and jaundice cases will be further investigated by the response team

Note, the archive of daily reports can be found at: http://www.pphsn.net/Surveillance/Mass_gathering.htm