



## Western Pacific Regional Office of the World Health Organization

### WPRO Dengue Situation Update, 18 September 2013

[http://www.wpro.who.int/emerging\\_diseases/DengueSituationUpdates/en/index.html](http://www.wpro.who.int/emerging_diseases/DengueSituationUpdates/en/index.html)

Regional dengue activity is variable. Australia, Lao PDR, Malaysia, New Caledonia and Singapore have reported more cases in 2013 than 2012 for the same time period. The recent trend has increased in Philippines, Singapore and Viet Nam. WHO has been responding to the Lao PDR situation, and dengue activity continues to decline in Lao PDR. The recent trend also decreased in Australia, Cambodia and Malaysia and has declined to low levels in New Caledonia. French Polynesia, however, continues to report dengue activity.

**Table. Cumulative reported number of dengue cases in 2013 and 2012 (for the same time period), by country.\***

	Recent trend**	Cumulative No. reported cases		2013/2012 ratio
		2013	2012	
Asia Sub-region				
Australia***	↓	1285	1276	1.0
Cambodia	↓	12 943	29 539	0.4
Lao PDR	↓	40 307	4 594	8.7
Malaysia	↓	19 664	15 268	1.3
Philippines	↑	96 717	103 473	0.9
Singapore	↑	15 774	3109	5.1
Viet Nam	↑	35 699	46 121	0.7
Pacific Sub-region				
New Caledonia	↓	10 532	237	44.4

\*Dengue reporting systems vary by country and any change in the surveillance system over time is not reflected in the above figures. Number of reported cases listed for 2013 and 2012 are for the same time period for each year.

\*\*Recent trend is based on the 3 week moving average for countries reporting by week and monthly comparisons for the last complete month for countries reporting by month.

\*\*\*Australia: *Aedes aegypti* and *Aedes albopictus* are present only in Northern Queensland and Torres Strait Islands

#### **Asia Sub-region**

**Australia:** The monthly trend decreased from July to August 2013. 110 cases were reported for the month of August 2013, higher to 82 cases in August 2012. There were 1285 cases reported up to 31 August 2013.

**Cambodia:** The weekly trend has decreased based on the three week moving average. 467 cases were reported in the week 14 to 20 August 2013 compared to 1665 cases in the same week for 2012. There were 12 943 cases (40 deaths) reported up to 20 August in 2013.

**China:** As of 3 September 2013, a total of 581 dengue cases reported in Xishuangbanna, Dai Autonomous Prefecture, south Yunnan Province since a dengue

outbreak was first reported 15 Aug 2013. Most cases indigenous. 116 cases remain hospitalized, 56 treated at home and 409 cases recovered; no severe cases or deaths. Emergency response was implemented with national and provincial level support to control the outbreak. Training courses for medical staff, anti-mosquito spraying and IEC, with implementation of vector control measures and management of cases. Trend is no longer increasing. Overall in China, 913 dengue cases reported Jan–Aug 2013; in addition to Yunnan, Guangdong province has also seen increased reports of dengue cases in 2013, with 296 cases reported up to end of Aug in 2013 (majority reported in July and August).

**Lao PDR:** The number of cases reported remained above the epidemic alert level but the weekly trend decreased based on the three week moving average. 986 cases (2 deaths) were reported 1 to 6 September 2013 compared to 466 cases in the same period for 2012. 40 307 cases (90 deaths) were reported up to 6 September in 2013.

**Malaysia:** The weekly trend decreased based on the three week moving average. 741 cases reported in week of 1 to 7 September 2013 compared to 354 cases in the same period for 2012. 19 664 cases (39 deaths) were reported up to 7 September in 2013.

**Philippines:** The weekly trend increased based on the three week moving average. 5914 cases reported in week of 21-27 July 2013. 96 717 cases (372 deaths) were reported up 17 August in 2013.

**Singapore:** The number of cases remained above the epidemic threshold and the weekly trend increased based on the three week moving average. 455 cases were reported in the week of 1 to 7 September 2013 compared with 76 cases for the same period in 2012. 15 774 cases reported up to 7 September in 2013.

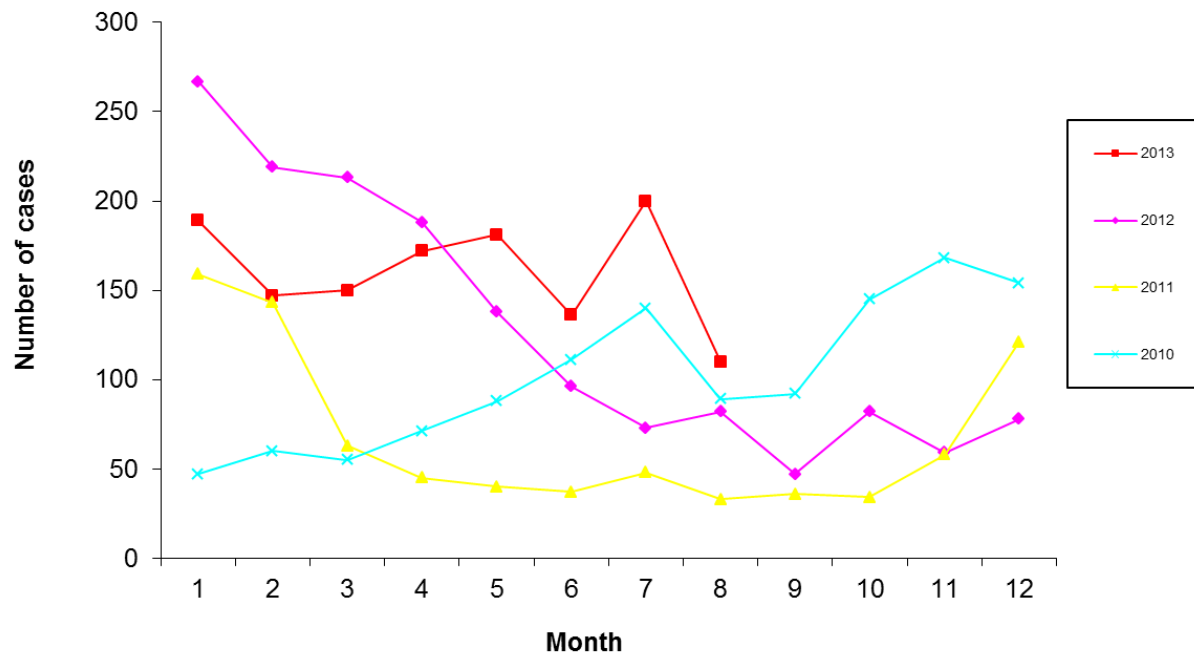
**Viet Nam:** Up to 20 August in 2013, there have been 35 699 cases (23 deaths) reported compared to 46 121 cases (34 deaths) for the same period for 2012. There were 19 364 cases (7 deaths) reported from 1–20 August 2013.

### **Pacific Sub-region**

**New Caledonia:** Weekly trend decreased based on the three week moving average and remained low. 3 cases reported in week of 8 to 14 September 2013. 10 532 cases reported up to 14 September in 2013.

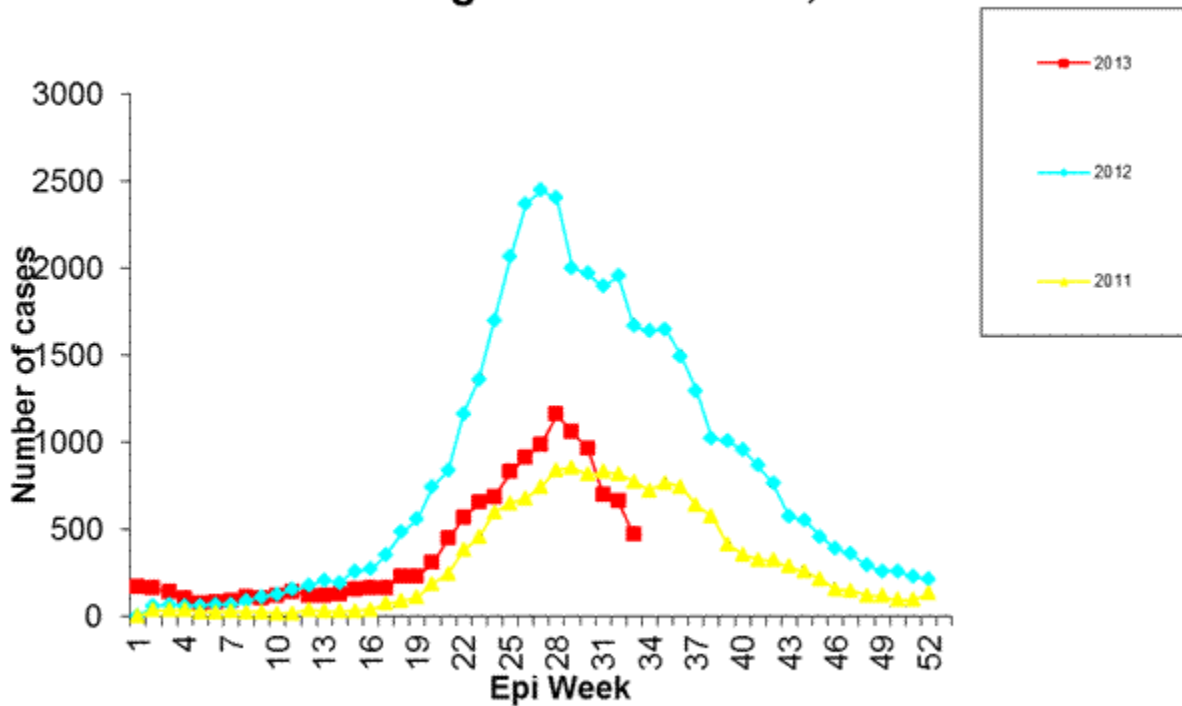
**French Polynesia** continues to report dengue and monthly number of cases increased from 86 in July to 128 in August. As of 6 September, there have been a total of 384 cases since February 2013. Majority of cases are serotype-1 while serotype-3 accounts for one third of the cases. Majority of the cases are from Tahiti (61%) and Moorea (32%). There have been 2 severe dengue cases but no deaths have been reported.

## Dengue in Australia, 2010-13



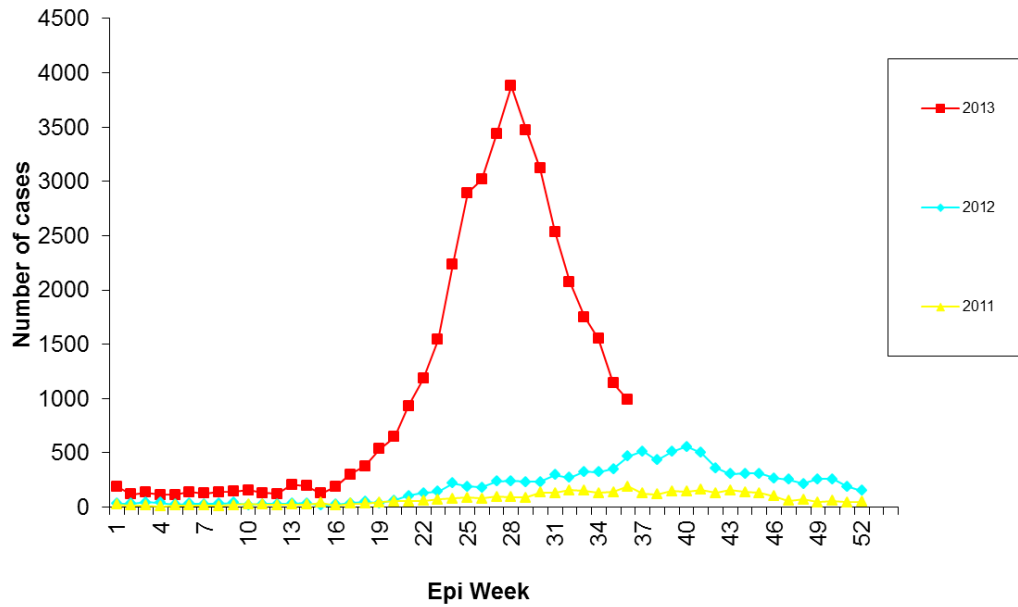
Australia up to end of August 2013 (Source: Dept of Health and Ageing)

## Dengue in Cambodia, 2011-2013



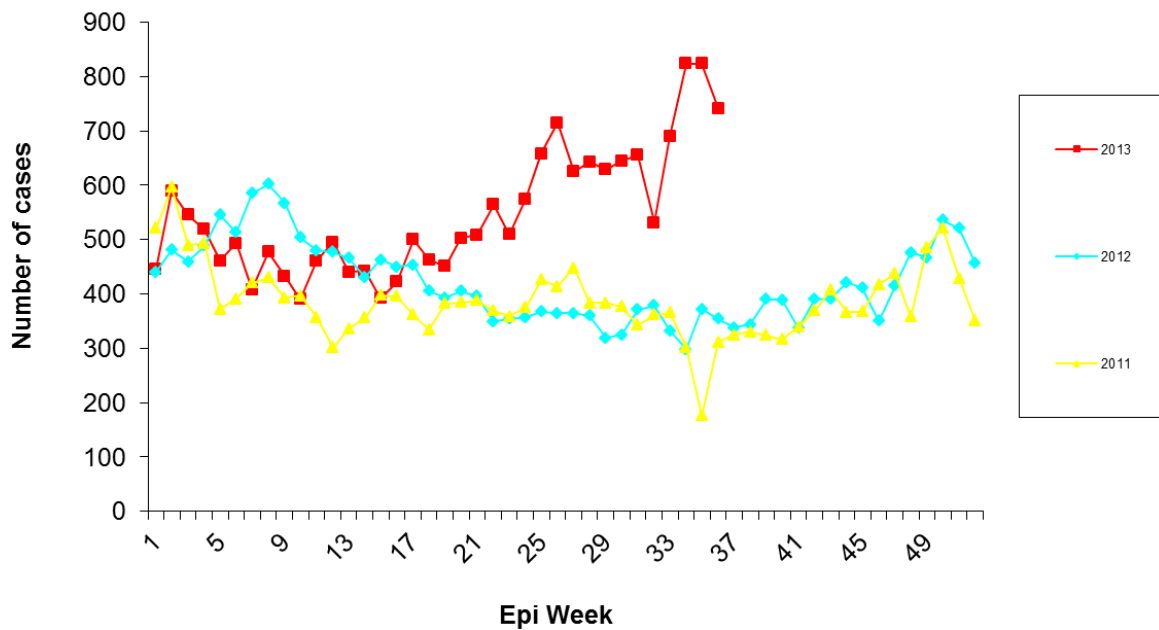
Cambodia up to 20 August in 2013 (Source: Ministry of Health)

### Dengue in Lao, 2011-2013

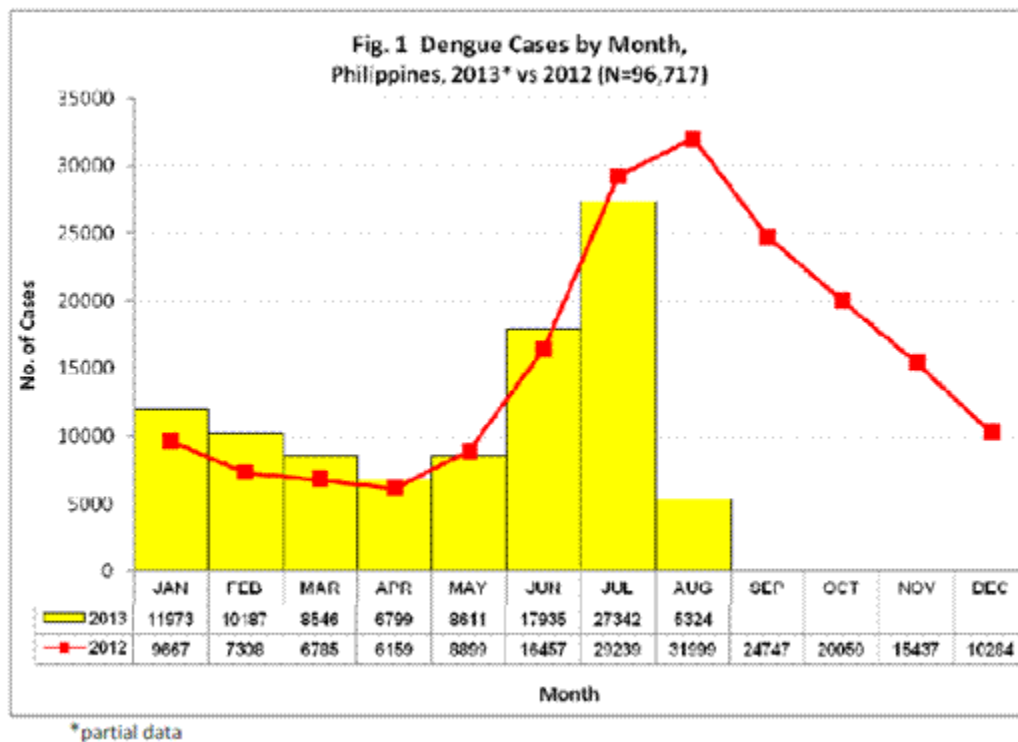


**Lao PDR up to 6 September in 2013**  
 (Source: National Center for Laboratory and Epidemiology, Ministry of Health)

### Dengue in Malaysia, 2011-2013

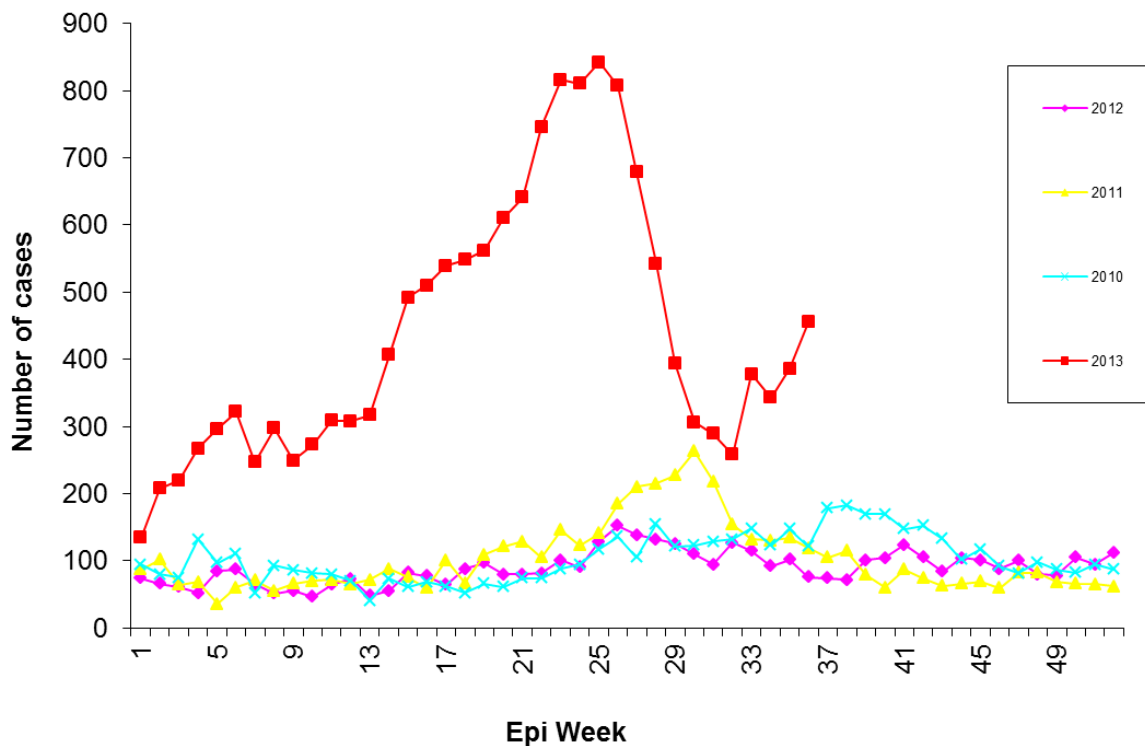


**Malaysia up to 7 September in 2013 (Source: Ministry of Health)**



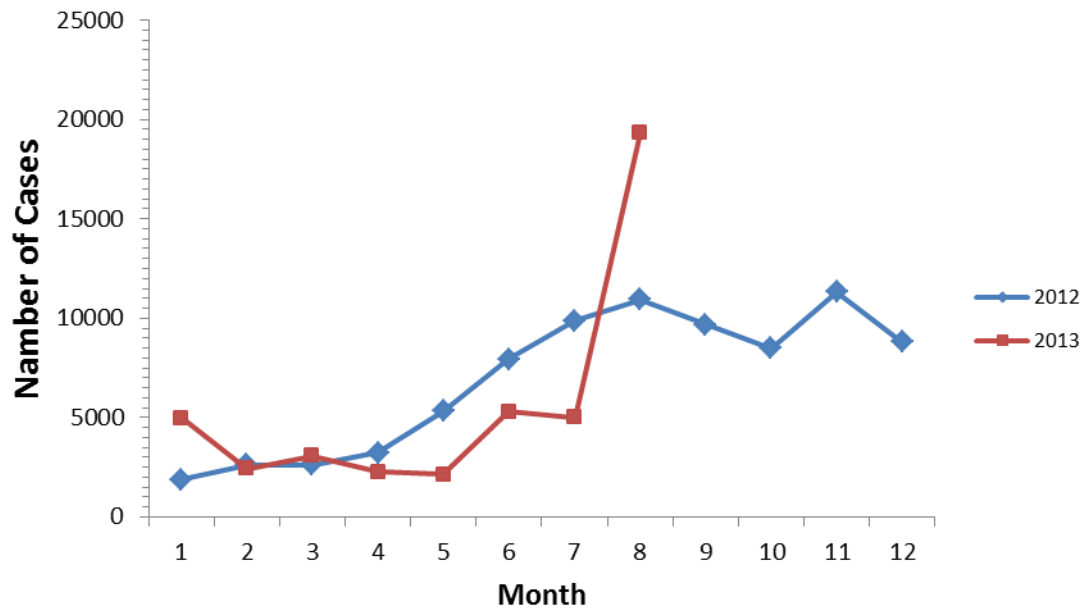
**Philippines up to 17 August 2013**  
**(Source: Department of Health National Epidemiology Center)**

### Dengue in Singapore, 2010-2013



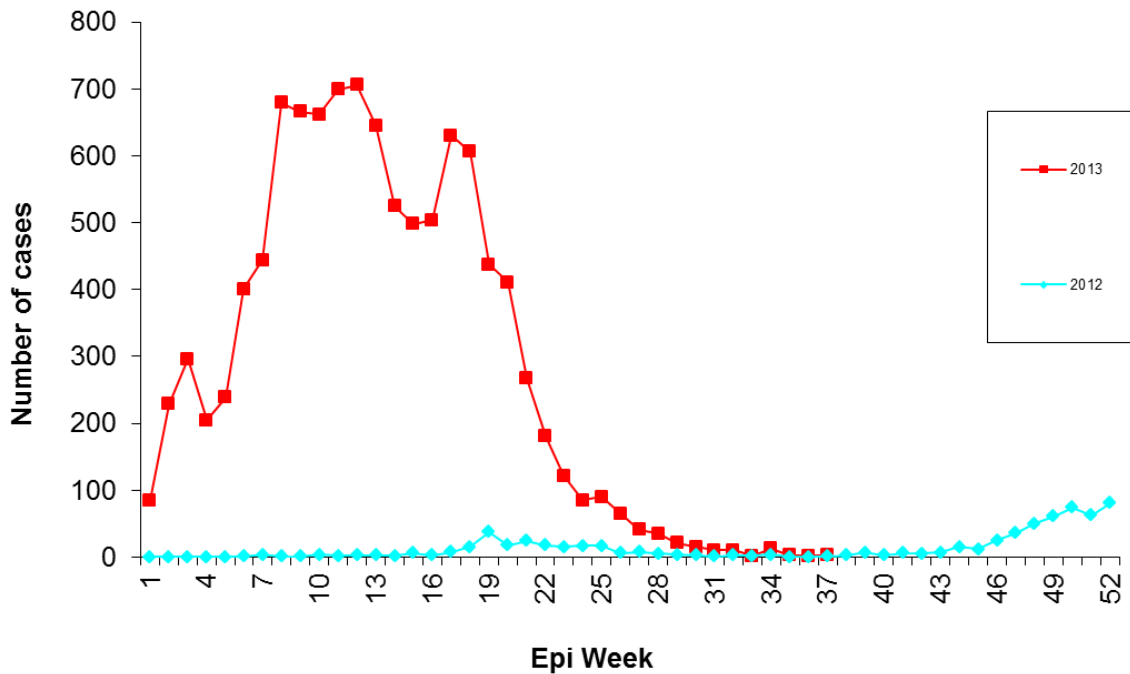
**Singapore up to 7 September in 2013 (Source: Ministry of Health)**

## Dengue in Viet Nam, 2012-2013



**Viet Nam up to 20 August in 2013 (Source: Ministry of Health)**

## Dengue in NEC, 2012-2013



**New Caledonia as of 16 September in 2013  
(Source: Pacific Public Health Surveillance Network)**