



## Western Pacific Regional Office of the World Health Organization

### WPRO Dengue Situation Update, 17 April 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. Cambodia, Lao PDR, New Caledonia, Singapore and Viet Nam have reported more cases in 2013 than 2012 for the same time period. Singapore is seeing continuing increasing levels and Malaysia and Lao PDR are seeing sustained levels; however, the recent trend is declining in Australia, Cambodia, New Caledonia and the Philippines.. Solomon Islands continue to see sustained activity, with more than 2700 clinical dengue cases reported up to date in 2013.

**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***	↓	403	696	0.6
Cambodia	↓	1499	1224	1.2
Lao PDR	↑	2068	447	4.6
Malaysia	↓	6599	7038	0.9
Philippines	↓	23 615	23 672	1.0
Singapore	↑	3842	879	4.4
Viet Nam		7399	4149	1.8
Pacific Sub-region				
New Caledonia	↓	6938	27	257

\*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:** Monthly trend decreased from February to March 2013. 106 cases were reported for March 2013 compared to 211 cases in the same period for 2012.

**Cambodia:** Weekly trend has decreased based on the three week moving average. 109 cases (0 deaths) were reported in the week 27 March to 2 April 2013 compared to 208 cases in the same week for 2012. 1499 cases (3 deaths; CFR 0.2%) up to 2 April in 2013.

**Lao PDR:** Weekly trend has increased in the recent weeks based on the three week moving average. 193 cases (2 deaths) reported between 30 March to 5 April 2013 compared to 35 cases (0 deaths) in the same period for 2012. The number of cases is above the epidemic alert level. 2020 cases (7 deaths) up to 5 April in 2013.

**Malaysia:** Weekly trend slightly decreased based on the three week moving average. 442 cases (0 deaths) reported in week of 31 March to 6 April 2013

compared to 431 cases (0 deaths) in the same period for 2012. 6599 cases (14 deaths; CFR 0.2%) up to 6 April in 2013.

**Philippines:** Weekly trend decreased based on the three week moving average. 483 cases reported in week of 17 to 23 March 2013. 23 615 cases (104 deaths; CFR 0.44%) reported up to 30 March in 2013.

**Singapore:** Weekly trend increased based on the three week moving average. 406 cases reported in week of 31 March to 6 April 2013 compared with 55 cases for the same period in 2012. The number of cases is above the epidemic threshold. Cumulative report for 2013 to 6 April is 3842 cases.

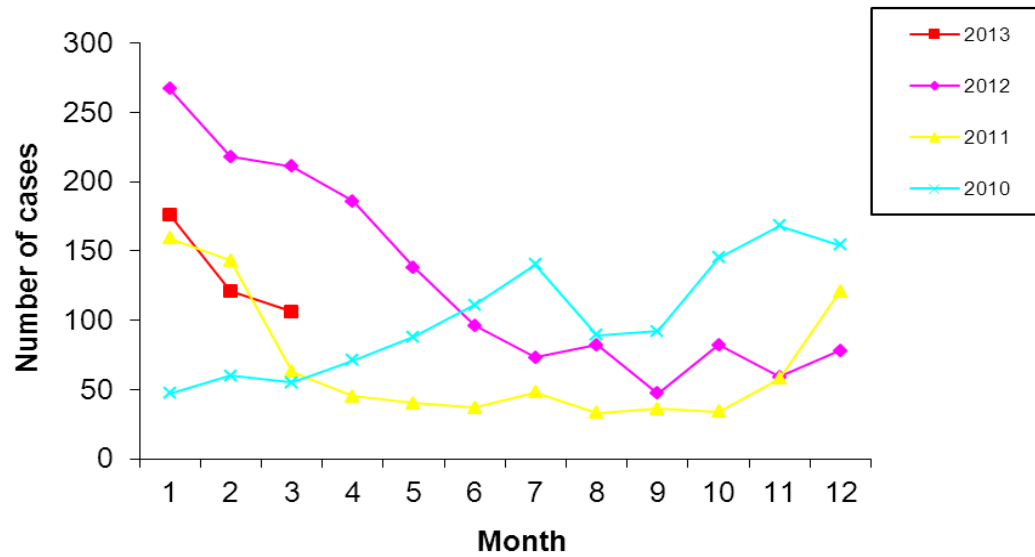
**Viet Nam:** Up to February in 2013, there have been 7 399 cases (9 deaths) reported compared to 4 149 cases (2 deaths) for the same period for 2012.

### **Pacific Sub-region**

**New Caledonia:** Weekly trend decreased based on the three week moving average. 455 cases reported in week of 07 to 13 April 2013. Cumulative report for 2013 to 13 April is 6938 cases.

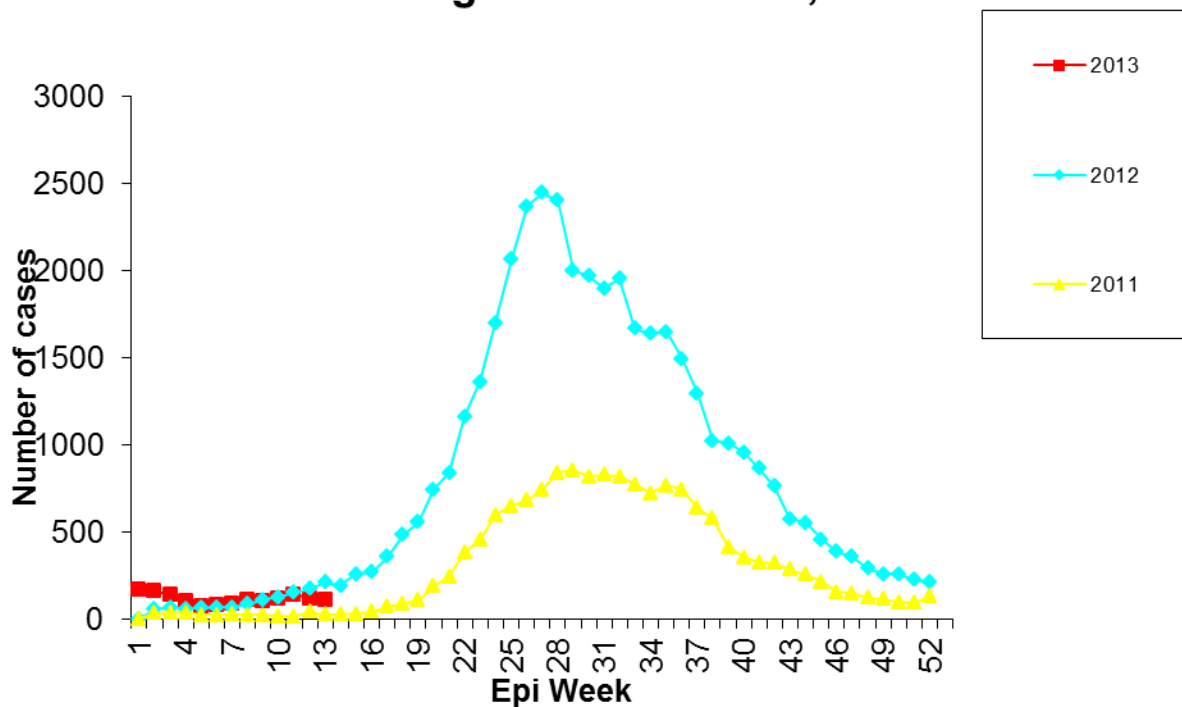
**Solomon Island:** As of 12 April, approximately 2700 cases have been reported since Jan 2013, with ongoing sustained dengue activity; however, in recent weeks, there have been no additional fatal cases (3 deaths total) and the proportion of cases requiring blood transfusions has declined considerably. Surveillance and response activities, including clinical management, are actively ongoing.

## Dengue in Australia, 2010-13



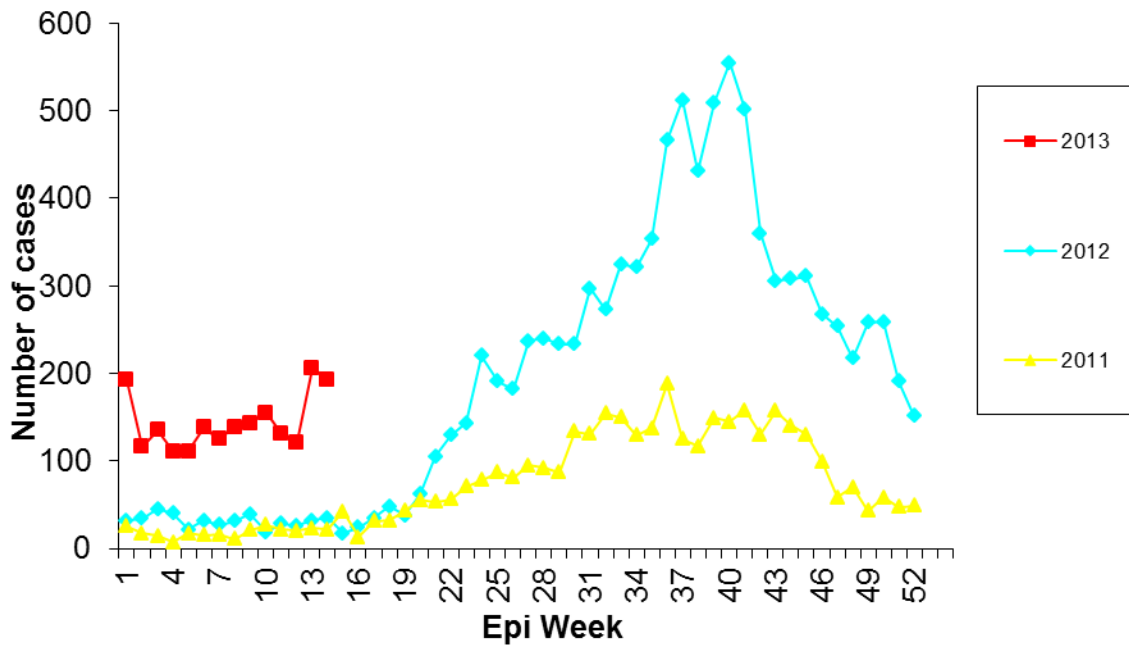
Australia up to end of March 2013 (Source: Dept of Health and Ageing)

## Dengue in Cambodia, 2011-2013



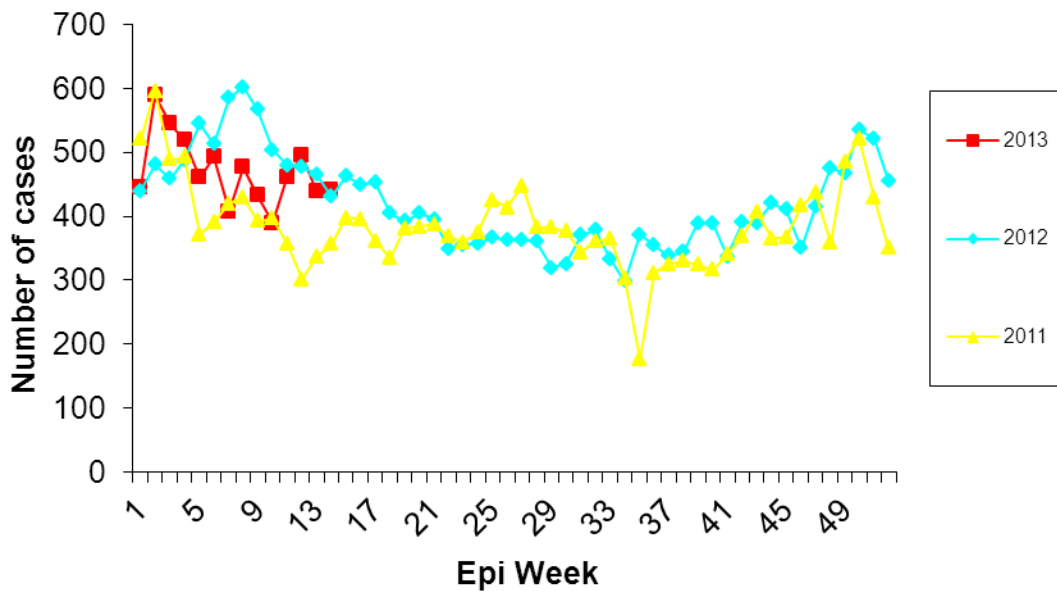
Cambodia up to 2 April in 2013  
(Source: Ministry of Health)

## Dengue in Lao, 2011-2013

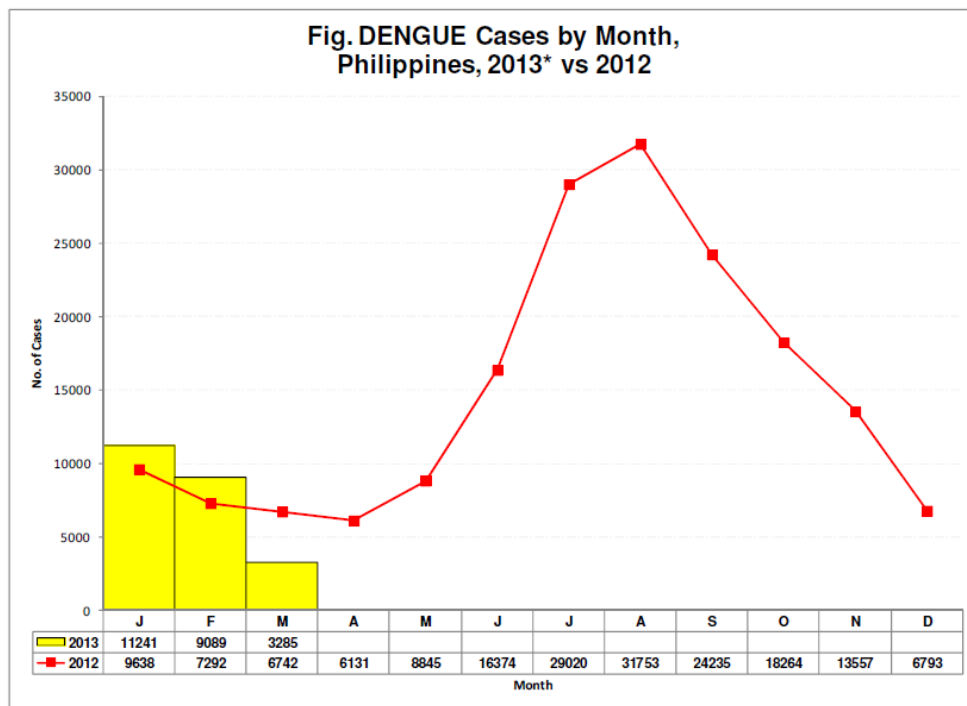


**Lao PDR up to 5 April in 2013**  
 (Source: National Center for Laboratory and Epidemiology, Ministry of Health)

## Dengue in Malaysia, 2011-2013



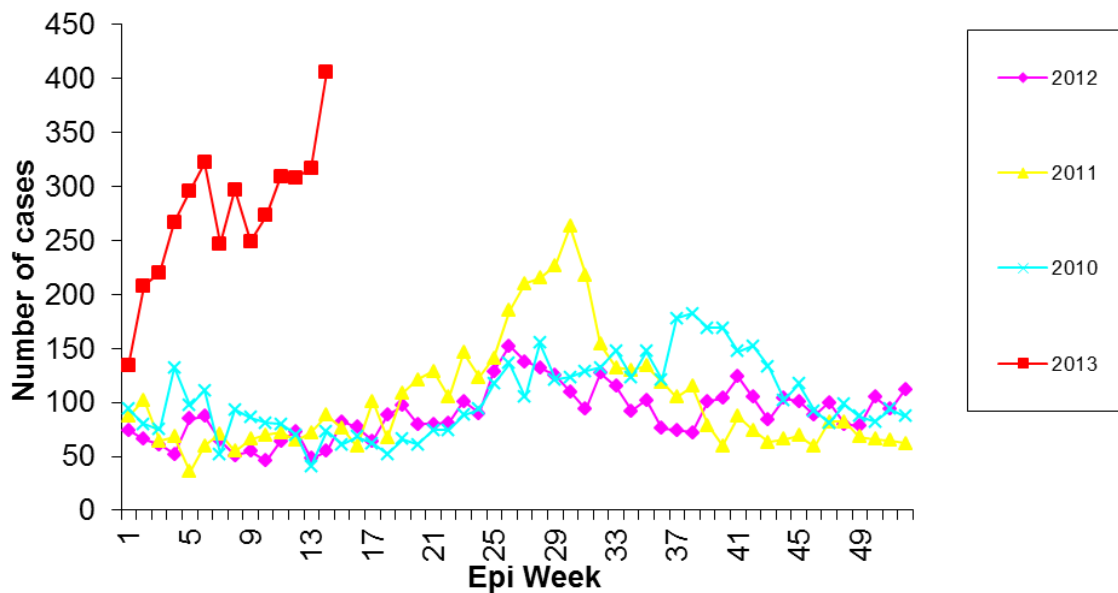
**Malaysia up to 6 April in 2013 (Source: Ministry of Health)**



\*partial data

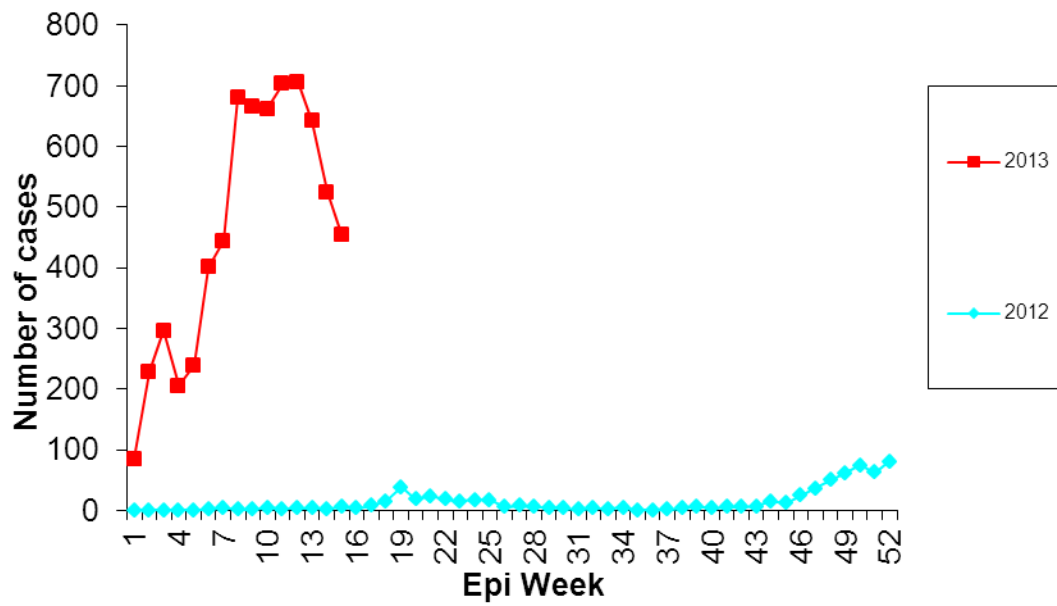
**Philippines up to 30 March in 2013  
(Source: Department of Health National Epidemiology Center)**

## Dengue in Singapore, 2010-2013



**Singapore up to 6 April in 2013 (Source: Ministry of Health)**

## Dengue in NEC, 2012-2013



**New Caledonia as of 13 April in 2013**  
(Source: Pacific Public Health Surveillance Network)