



## Western Pacific Regional Office of the World Health Organization

### WPRO Dengue Situation Update, 28 January 2014

[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. Malaysia and Singapore experienced more than a two-fold greater number of reported cases in 2014 compared to 2013, for the same time period. The recent trend continued to decrease in Australia, Cambodia, Lao PDR, Philippines and Viet Nam, and remains low in New Caledonia.

**Lao PDR** experienced a large dengue year in 2013, peaking in August 2013. However, in early 2014, dengue activity remains low, and substantially lower than during the same time period in 2013.

**Malaysia** has been experiencing increased level of dengue activity. In early 2014, dengue activity is over 2 times higher than 2013 for the same time period.

**Singapore** has also been experiencing an increased level of dengue activity. In early 2014, dengue activity is over 2 times higher than 2013 for the same time period.

In addition, dengue and other arboviruses continue to impact several Pacific Islands. **New Caledonia** experienced a large dengue year, characterized by rapid increase in the number of reported cases since late 2012, followed by a decline in May and low levels since Aug 2013. **French Polynesia** has been experiencing increasing levels of dengue since mid-2013, with high levels sustained to date (more than 1000 cases reported in 2013). **Kiribati**, and more recently **Fiji**, have been seeing higher dengue activity since December 2013. In addition to dengue, Zika virus outbreak (first reported in the Pacific in 2007 from **Federated States of Micronesia**) is occurring concurrently in French Polynesia and Chikungunya virus outbreak (first reported in the Pacific in 2011 from New Caledonia) in Federated States of Micronesia.

**Table. Reported number of dengue cases in 2014 and 2013 (for the same time period), by country.\* NA: Not applicable.**

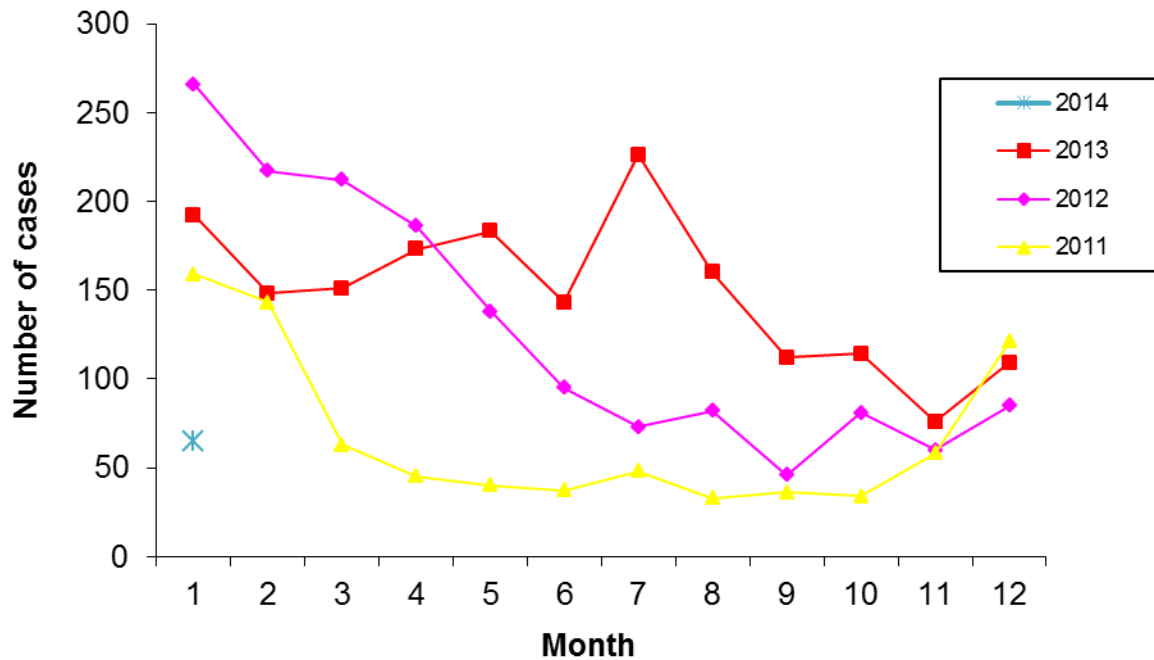
	Recent trend**	No. reported cases per latest reporting period (week (w) or month (m))	Reporting Period	No. reported cases per same reporting period in 2013 (week (w) or month (m))	Cumulative No. reported cases (deaths)		2014 /2013 ratio
					2014	2013	
Australia***	↓	65/m	January	192/m	65 (NA)	192 (NA)	0.3
Cambodia	↓	235/w	30 Oct - 5 Nov	550/w	16 722 (53) (2013)	40 164 (NA) (2012)	0.4
Lao PDR	↓	16/w	11 - 17 Jan	135/w	42 (0)	443 (0)	0.1
Malaysia	↑	1946/w	5 – 12 Jan	589/w	2 985 (6)	1 035 (2)	2.9
Philippines	↓		up to 16 Nov		166 107 (528) (2013)	170 693 (861) (2012)	1.0
Singapore	↓	402/w	12 - 18 Jan	220/w	1 318 (NA)	557 (NA)	2.4
Viet Nam	↓	7 675/m	November	11 338/m	60 588 (38) (2013)	79 485 (62) (2012)	0.8
New Caledonia	↑	4/w	up to 27 Jan	205/w	9 (NA)	815 (NA)	0.01

\*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 2014 and 2013 (or, if stated 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.

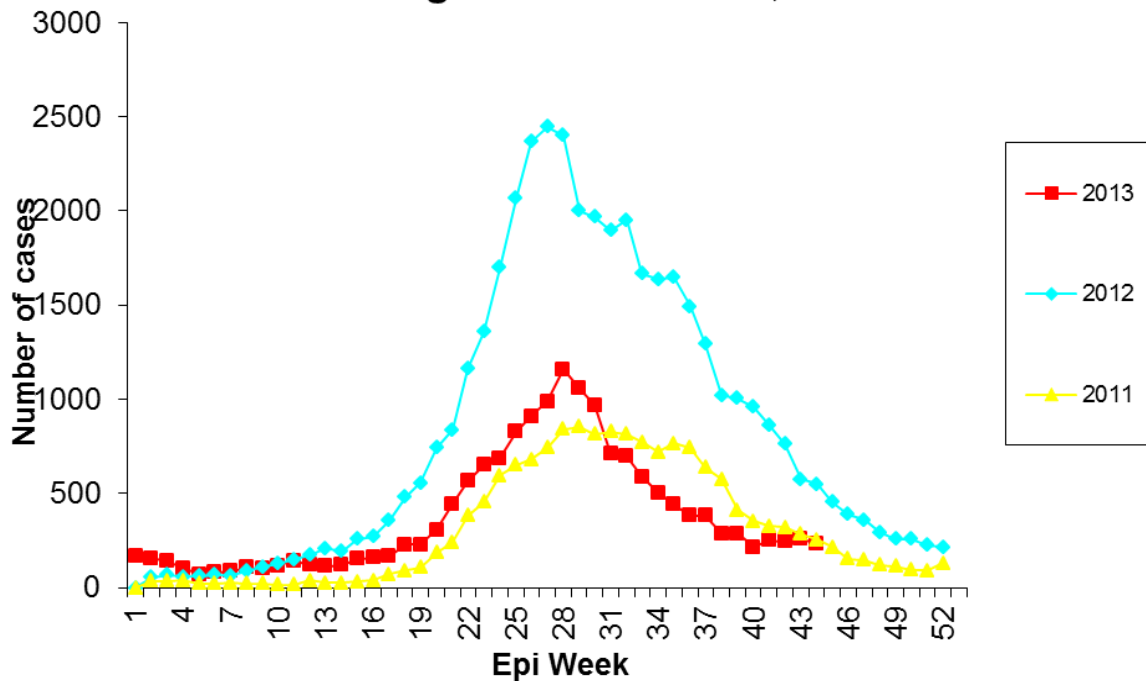
\*\*\*Australia: *Aedes aegypti* and *Aedes albopictus* are present only in Northern Queensland and Torres Strait Islands

## Dengue in Australia, 2011-14



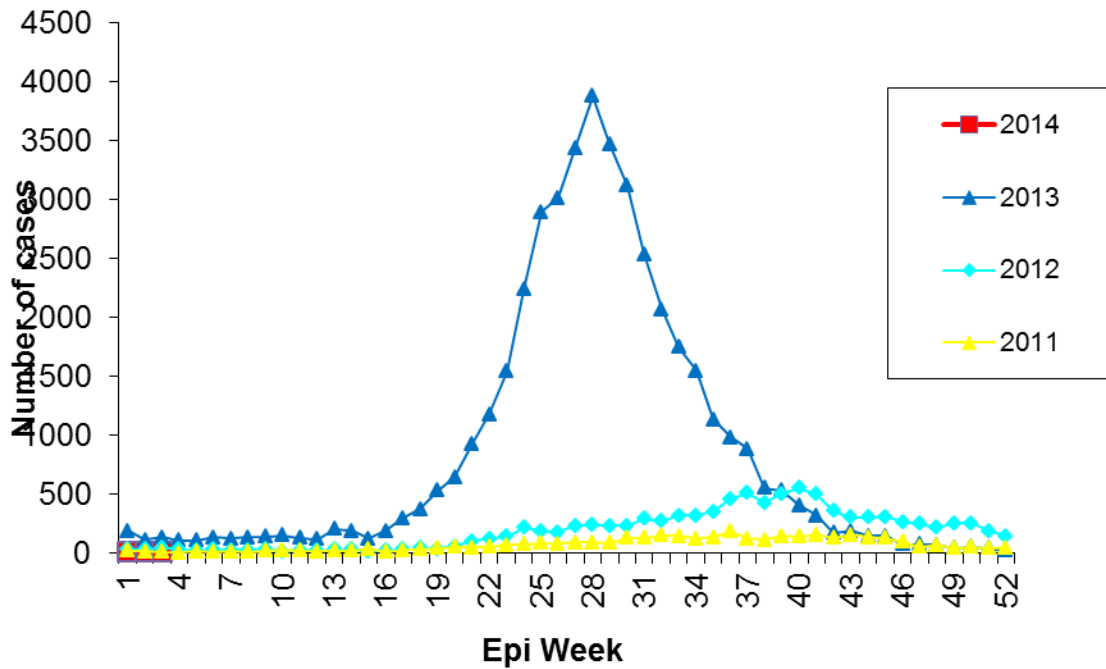
Australia up to end of January 2014 (Source: Dept of Health and Ageing)

## Dengue in Cambodia, 2011-2013



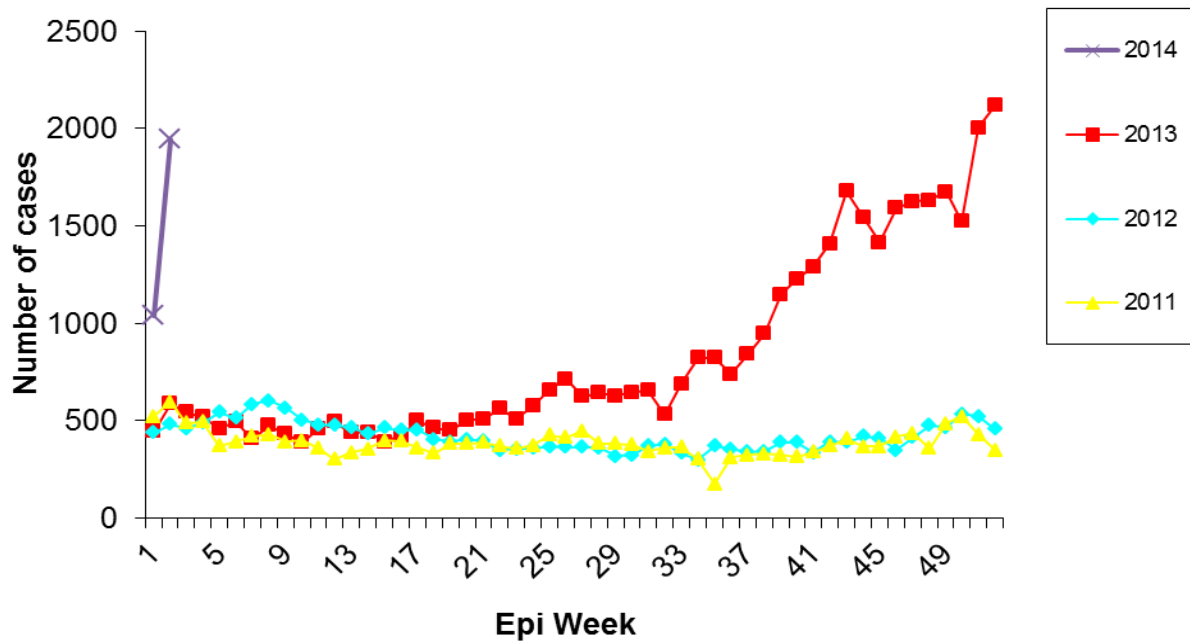
Cambodia up to 5 November 2013 (Source: Ministry of Health)

## Dengue in Lao, 2011-2014

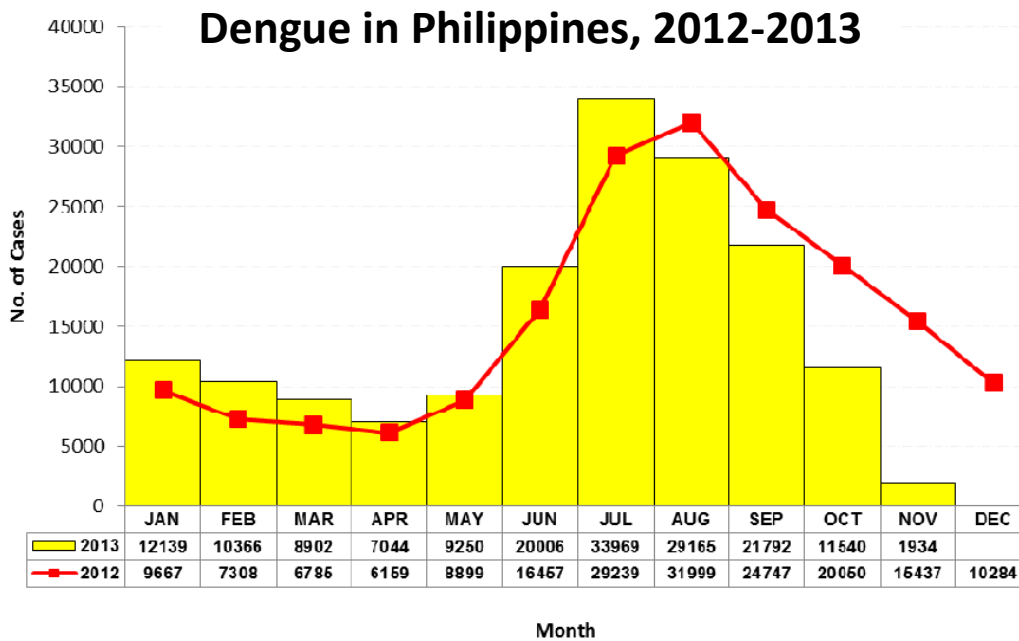


Lao PDR up to 17 January 2014

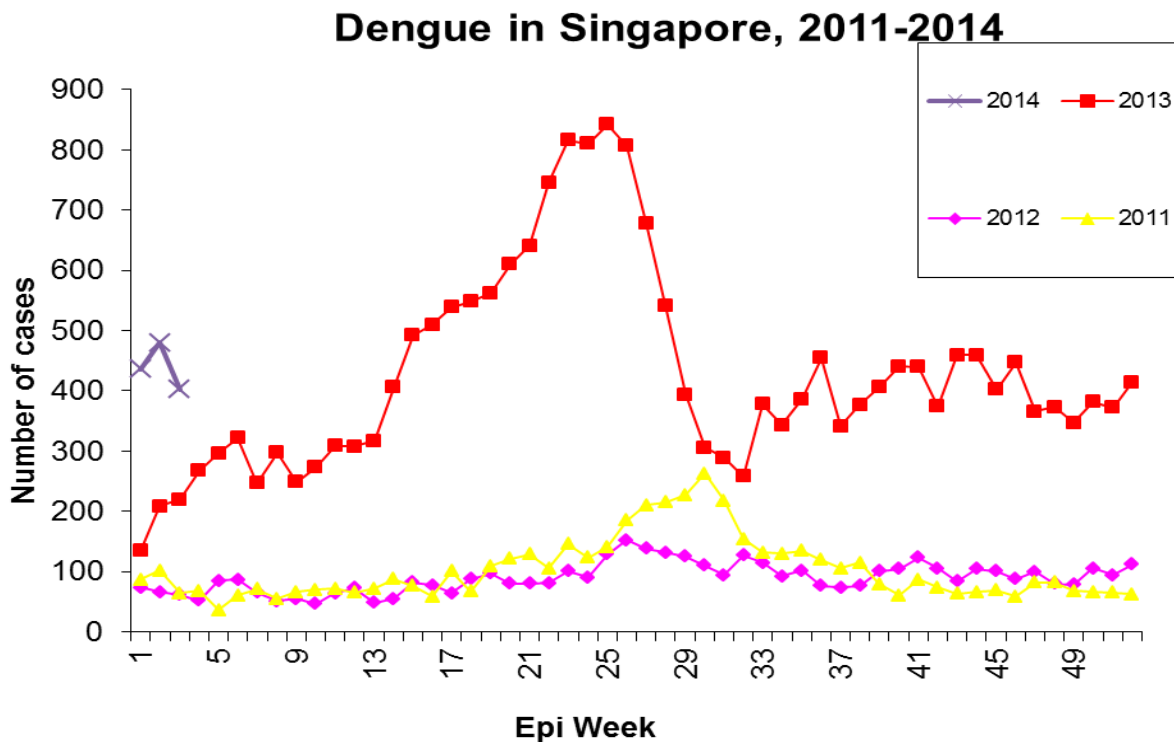
## Dengue in Malaysia, 2011-2014



(Source: National Center for Laboratory and Epidemiology, Ministry of Health)  
 Malaysia up to 12 January 2014 (Source: Ministry of Health)

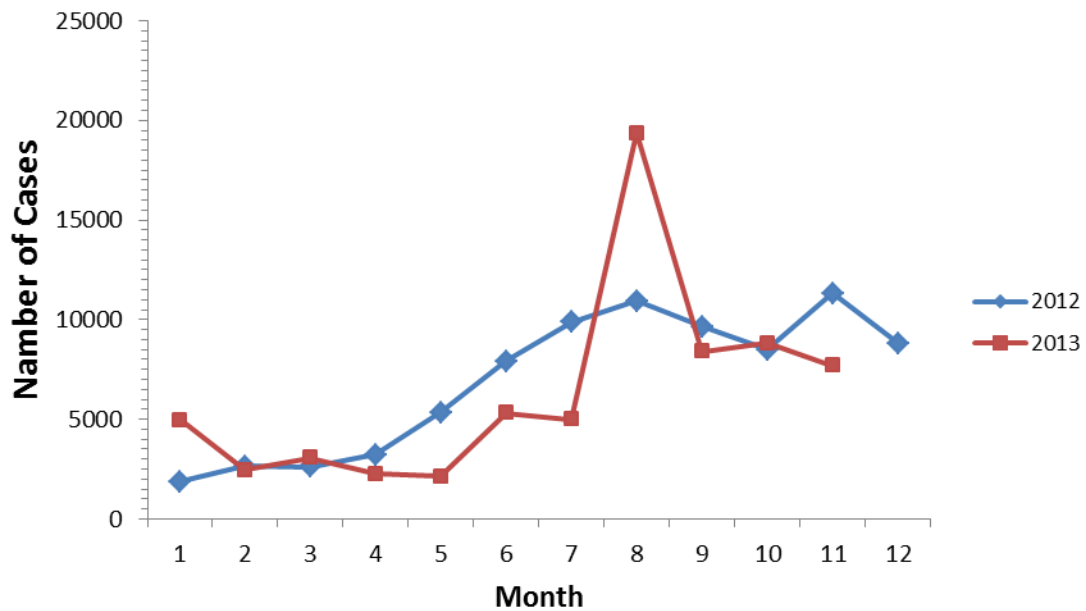


**Philippines up to 16 November 2013**  
**(Source: Department of Health National Epidemiology Center)**



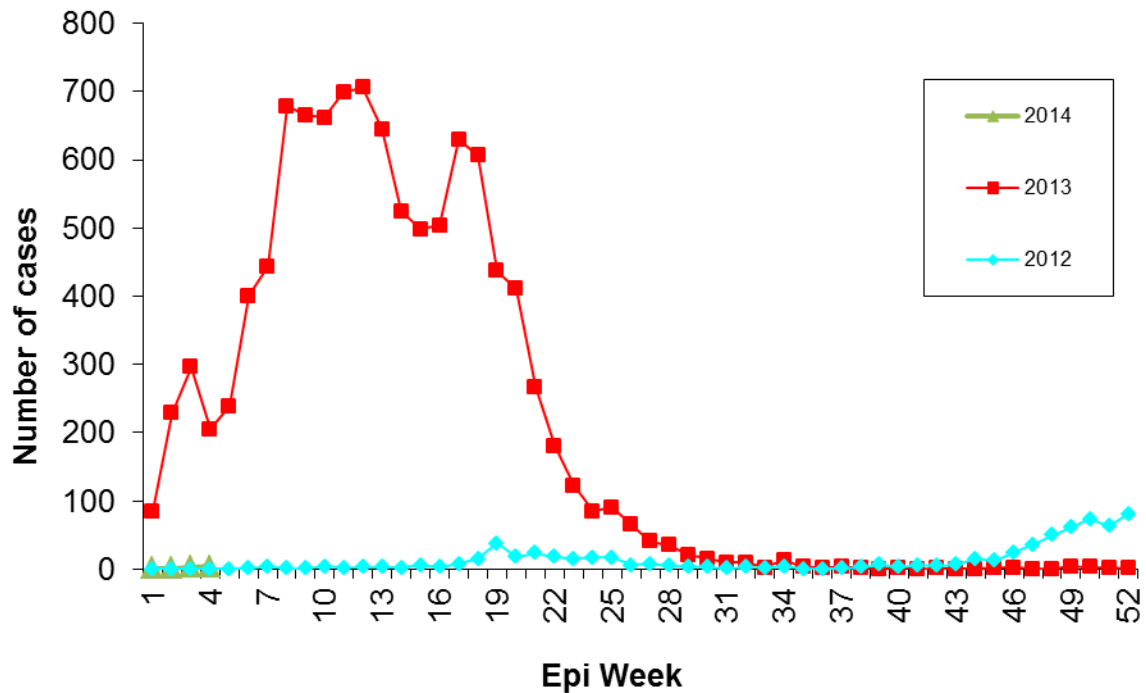
**Singapore up to 18 January in 2014 (Source: Ministry of Health)**

## Dengue in Viet Nam, 2012-2013



Viet Nam up to November in 2013 (Source: Ministry of Health)

## Dengue in NEC, 2012-2014



New Caledonia as of 27 January in 2014  
(Source: Pacific Public Health Surveillance Network)