



Western Pacific Regional Office of the World Health Organization

WPRO Dengue Situation Update, 25 December 2013

http://www.wpro.who.int/emerging_diseases/DengueSituationUpdates/en/index.html

Regional dengue activity is variable. Australia, Lao PDR, Malaysia, Singapore and New Caledonia reported higher cumulative numbers of cases in 2013 than 2012 for the same time period.

The recent trend continued to decrease in Australia, Cambodia, Lao PDR and Philippines, and remains low in New Caledonia. French Polynesia, Malaysia, Singapore and Viet Nam however, continue to report sustained dengue activity.

Lao PDR experienced a large dengue year, characterized by rapid increase in the number of reported cases from around May to September, peaking in August 2013, followed by rapid decline with no fatal cases since Sep 2013. Cumulatively for 2013, there has been almost a five-fold increase relative to 2012

Malaysia has also been experiencing a large dengue year, characterized by rapid increase in the number of reported cases since September, with high levels sustained to date. Cumulatively for 2013, there has been almost a two-fold increase relative to 2012

Singapore has also been experiencing a large dengue year, characterized by rapid increase in the number of reported cases since early 2013, peaking in July. Dengue levels have been sustained since, with consistently higher levels than those reported in the last three years. Cumulatively for 2013, there has been almost a five-fold increase relative to 2012

In addition, dengue and other arboviruses continue to impact several Pacific Islands. Notably, **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. In addition, 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).

Table. Reported number of dengue cases in 2013 and 2012 (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 2012 (week (w) or month (m))	Cumulative No. reported cases (deaths)		2013 /2012 ratio
					2013	2012	
Australia****	↓	70/m	November	60/m	1665 (NA)	1 456 (NA)	1.1
Cambodia	↓	235/w	30 Oct - 5 Nov	550/w	16 722 (53)	40 164	0.4
Lao PDR	↓	55/w	7 - 13 Dec	259/w	44 098 (95)	9 639 (19)	4.6
Malaysia	↓	1524/w	8 to 14 Dec	536/w	39 222 (83)	20 923 (35)	1.9
Philippines	↓		up to 16 Nov		166 107 (528)	170 693 (861)	1.0
Singapore	↑	382/w	8 to 14 Dec	105/w	21 410 (NA)	4 426 (NA)	4.8
Viet Nam	↓	7 675/m	November	11338/m	60 588 (38)	79 485 (62)	0.8
New Caledonia	↑		up to 13 Dec		10 548 (NA)	541 (NA)	19.5

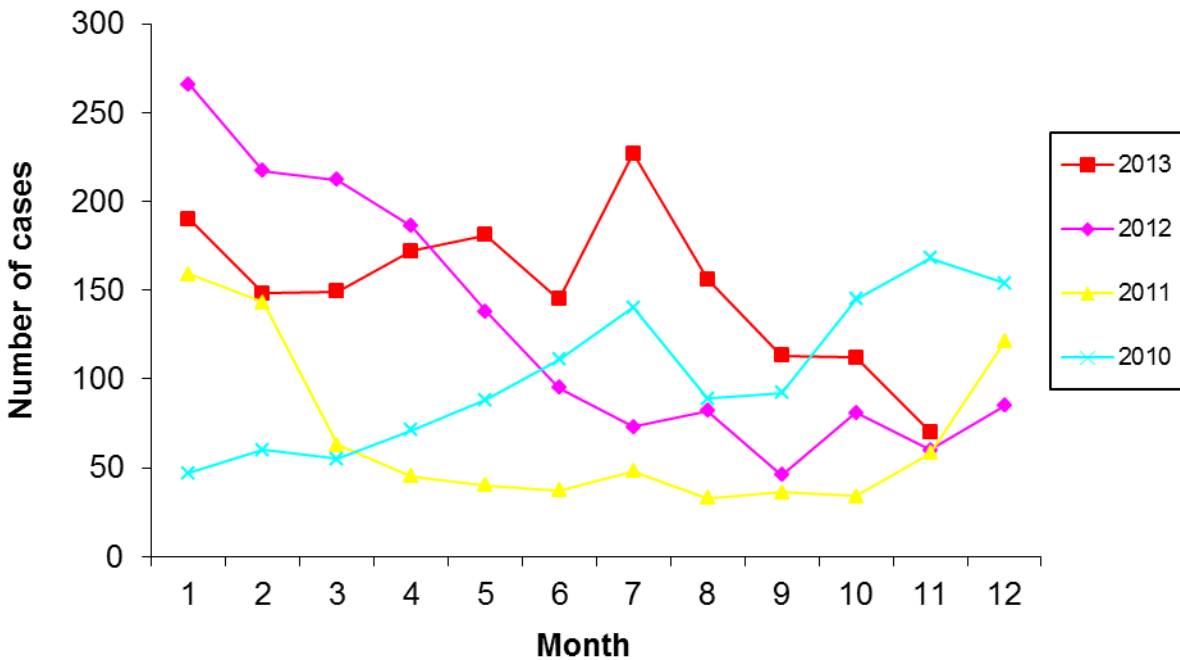
*Dengue reporting systems vary by country and any change in the surveillance system over time is not reflected in the above figures. Number of reported cases listed for 2013 and 2012 are for the same time period for each year.

**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 and French Polynesia are shown in monthly figures (/m), while others in weekly figures (/w)

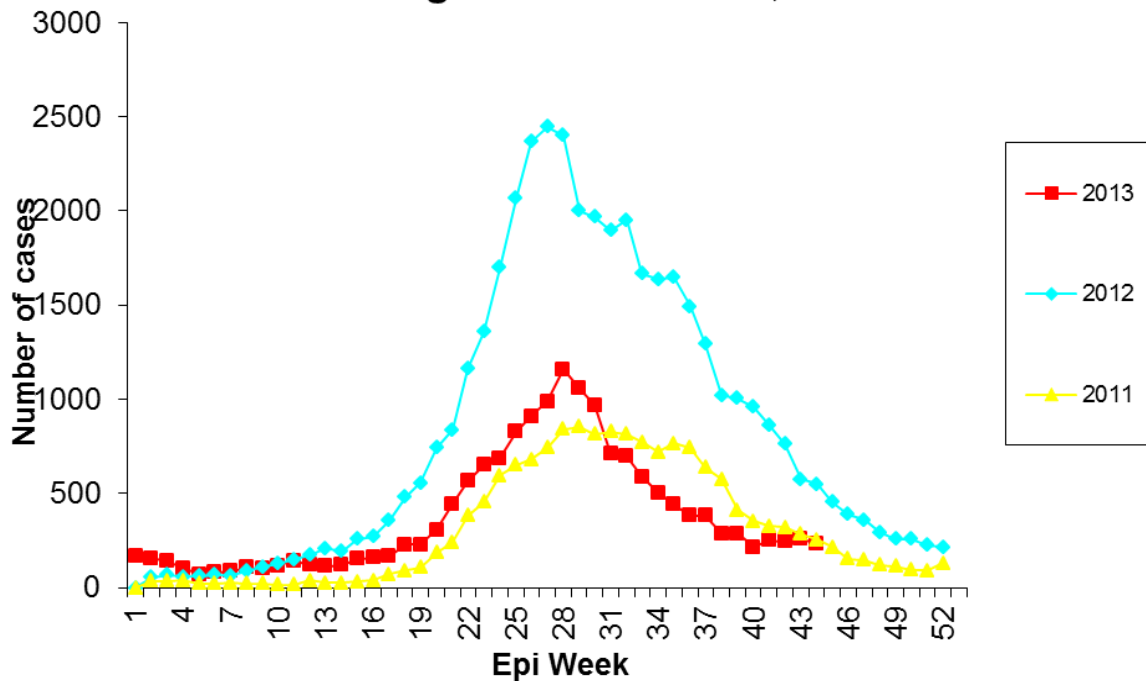
****Australia: *Aedes aegypti* and *Aedes albopictus* are present only in Northern Queensland and Torres Strait Islands / monthly report

Dengue in Australia, 2010-13



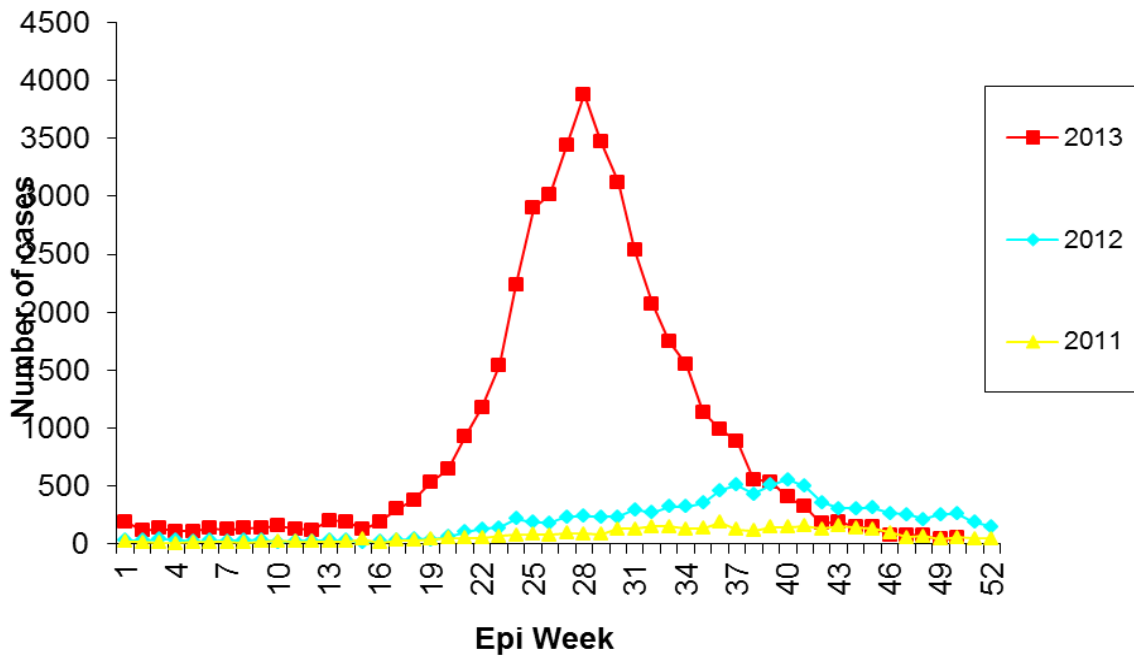
Australia up to end of November 2013 (Source: Dept of Health and Ageing)

Dengue in Cambodia, 2011-2013



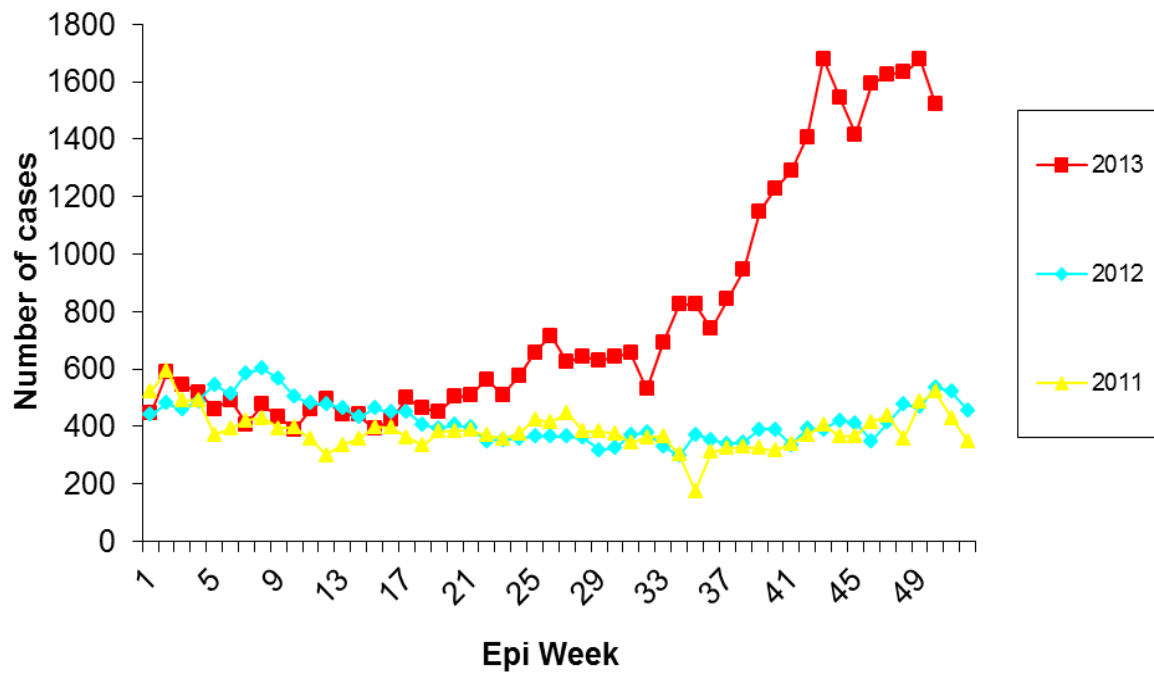
Cambodia up to 5 November 2013 (Source: Ministry of Health)

Dengue in Lao, 2011-2013

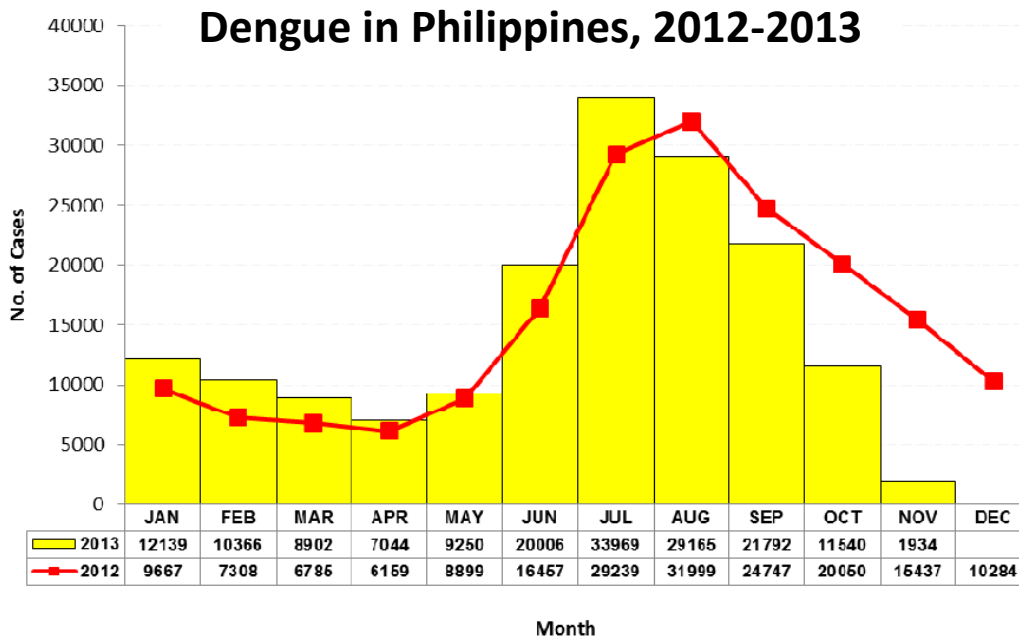


Lao PDR up to 13 December 2013

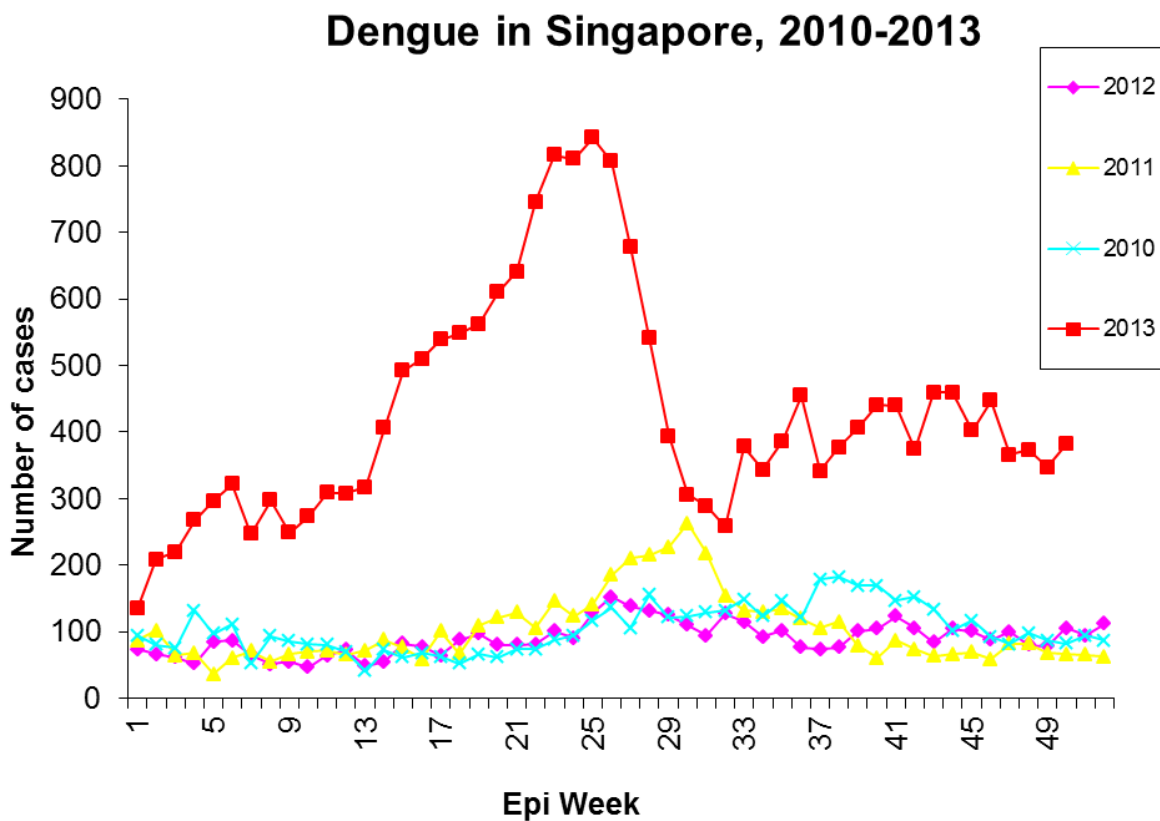
Dengue in Malaysia, 2011-2013



(Source: National Center for Laboratory and Epidemiology, Ministry of Health)
Malaysia up to 14 December 2013 (Source: Ministry of Health)

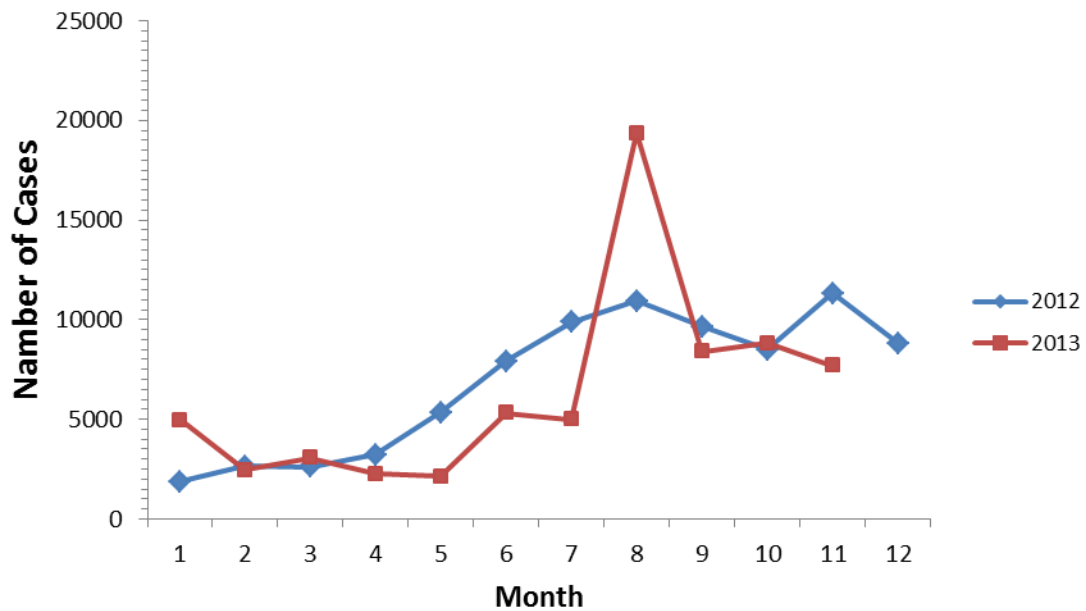


Philippines up to 16 November 2013
(Source: Department of Health National Epidemiology Center)



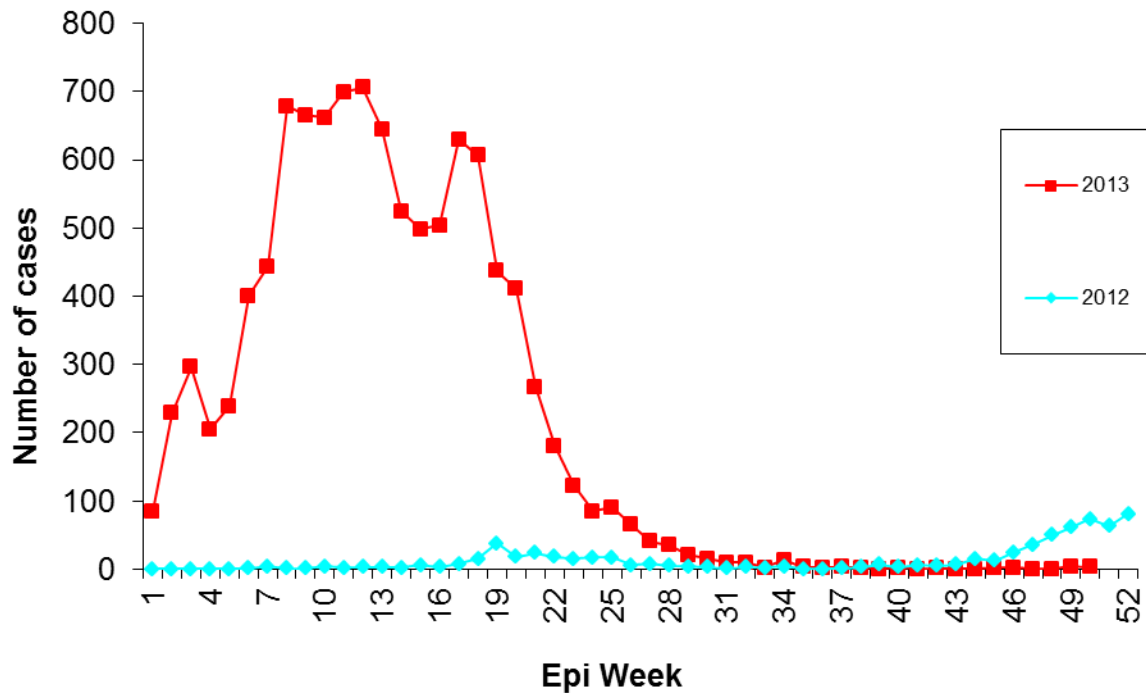
Singapore up to 14 December in 2013 (Source: Ministry of Health)

Dengue in Viet Nam, 2012-2013



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

Dengue in NEC, 2012-2013



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