



Western Pacific Regional Office of the World Health Organization

WPRO Dengue Situation Update, 07 March 2013

Regional dengue activity is variable. While Cambodia, Lao PDR and Singapore have reported more cases in 2013 than 2012 for the same time period, the recent trend is declining in Australia, Cambodia and Philippines. Lao PDR, Malaysia and Singapore, however, are seeing an increase. New Caledonia continues to see sustained activity, and a dengue outbreak with over 300 clinical dengue cases (0 deaths) has been ongoing in the Solomon Islands.

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***	↓	251	484	0.5
Cambodia	↓	797	373	2.1
Lao PDR	↑	1070	269	4.0
Malaysia	↑	3938	4113	1.0
Philippines	↓	13 765	15 936	0.9
Singapore	↑	1984	541	3.7
Viet Nam		86 026 (2012)	69 878 (2011)	1.2 (2012/2011)
Pacific Sub-region				
New Caledonia	↑	3217	7	

*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 2012 and 2011 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

Australia: Monthly trend decreased from January to February 2013. 251 cases were reported for February 2013 compared to 484 cases in the same period for 2012.

Cambodia: Weekly trend has continued to decrease based on the three week moving average. 81 cases (0 deaths) were reported in the week 13 to 19 February 2013 compared to 65 cases in the same week for 2012. 797 cases (1 death; CFR 0.1%) up to 19 February in 2013.

Lao PDR: Weekly trend has increased based on the three week moving average. 139 cases (1 death) reported between 16 to 22 February 2013 compared to 31 cases (0 death) in the same period for 2012. The number of cases is above the epidemic alert level. 1070 cases (2 deaths) up to 22 February in 2013.

Malaysia: Weekly trend increased slightly based on the three week moving average. 477 cases (0 deaths) reported in week of 17 to 23 February 2013 compared to 602 cases (2 deaths) in the same period for 2012. 3938 cases (8 deaths; CFR 0.2%) up to 23 February in 2013.

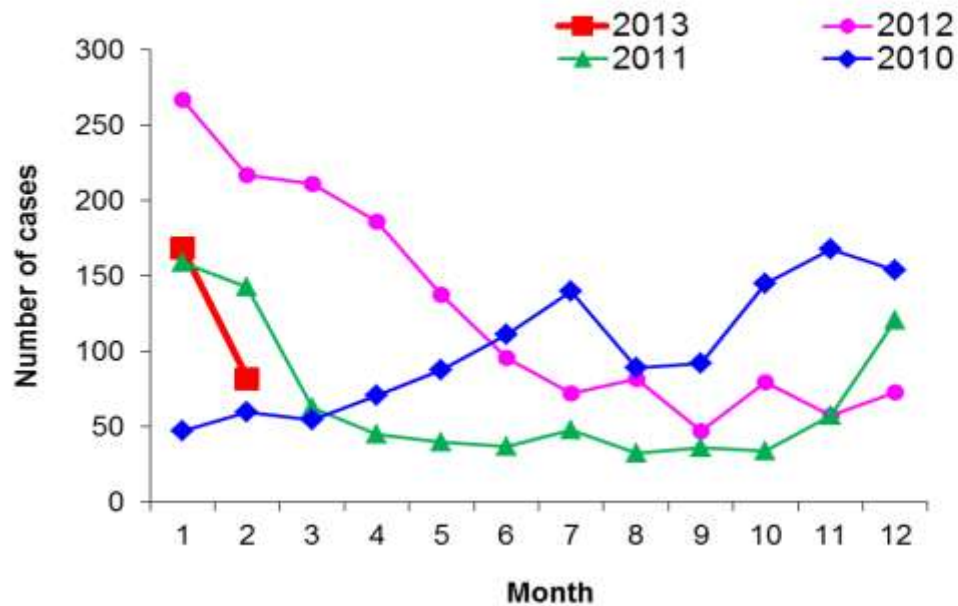
Philippines: Weekly trend decreased based on the three week moving average. 13 765 cases (63 deaths; CFR 0.5%) reported up to 23 February in 2013.

Singapore: Weekly trend increased slightly based on the three week moving average. 297 cases reported in week of 17 to 23 February 2013 compared with 51 cases for the same period in 2012. The number of cases is above the epidemic threshold. Cumulative report for 2013 to 23 February is 1984 cases.

Viet Nam: Monthly trend decreased from November (10 063 cases) to December 2012 (7495 cases). 86 026 cases (80 deaths; CFR 0.1%) reported up to 31 December in 2012; 69 878 cases (61 deaths; CFR 0.1%) in 2011 for the same period.

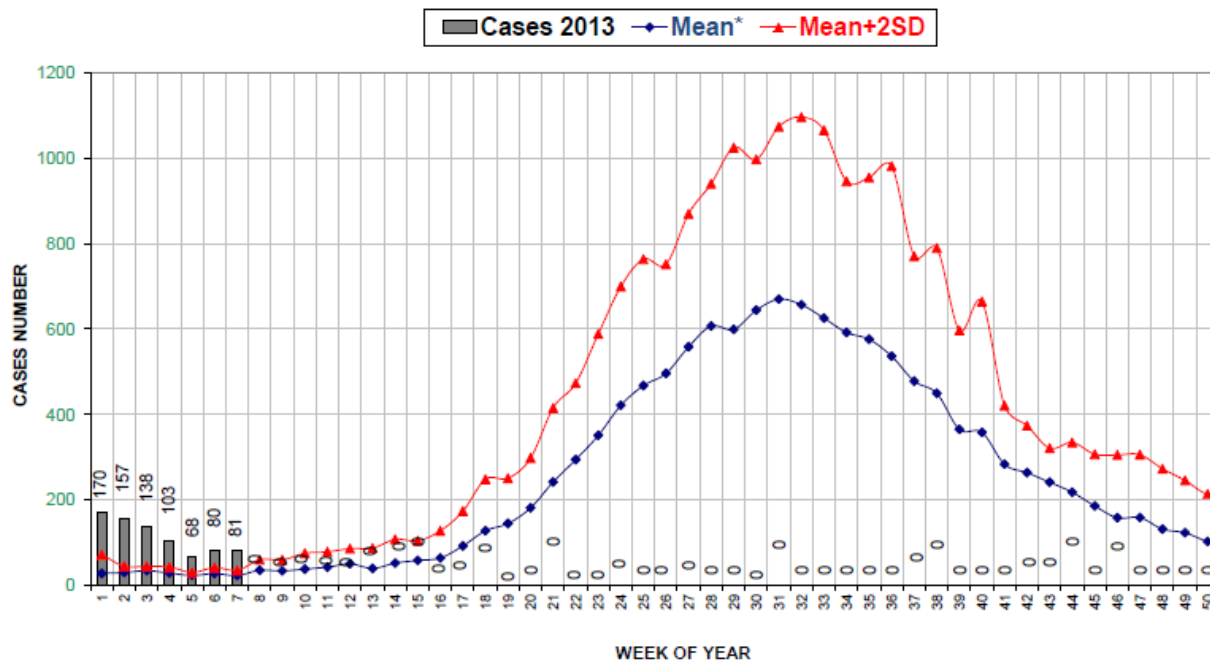
New Caledonia: Weekly trend increased based on the three week moving average. 642 cases reported in week 9 of 2013. Cumulative report for 2013 to 4 March is 3217 cases.

Dengue in Australia, 2010-13

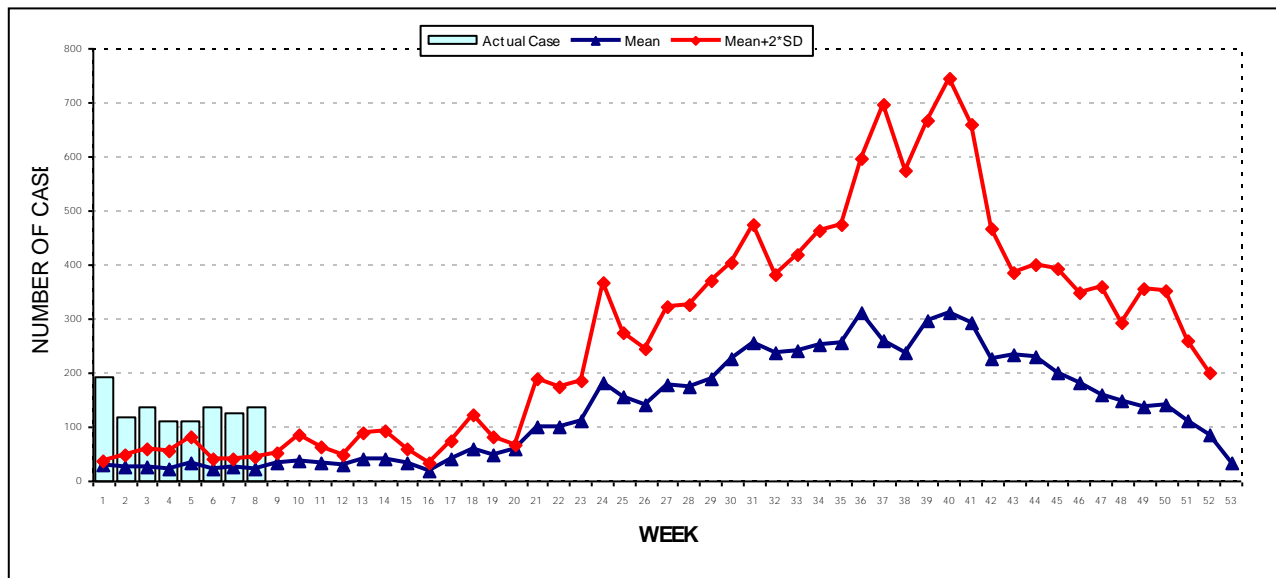


Australia as of 5 March 2013 (Source: Dept of Health and Ageing)

RELATIONSHIP OF DENGUE CASES BY WEEKS IN CAMBODIA 2013
WITH Mean AND Mean+2SD DURING 2006-2012 (*Exclude 2007 and 2012)

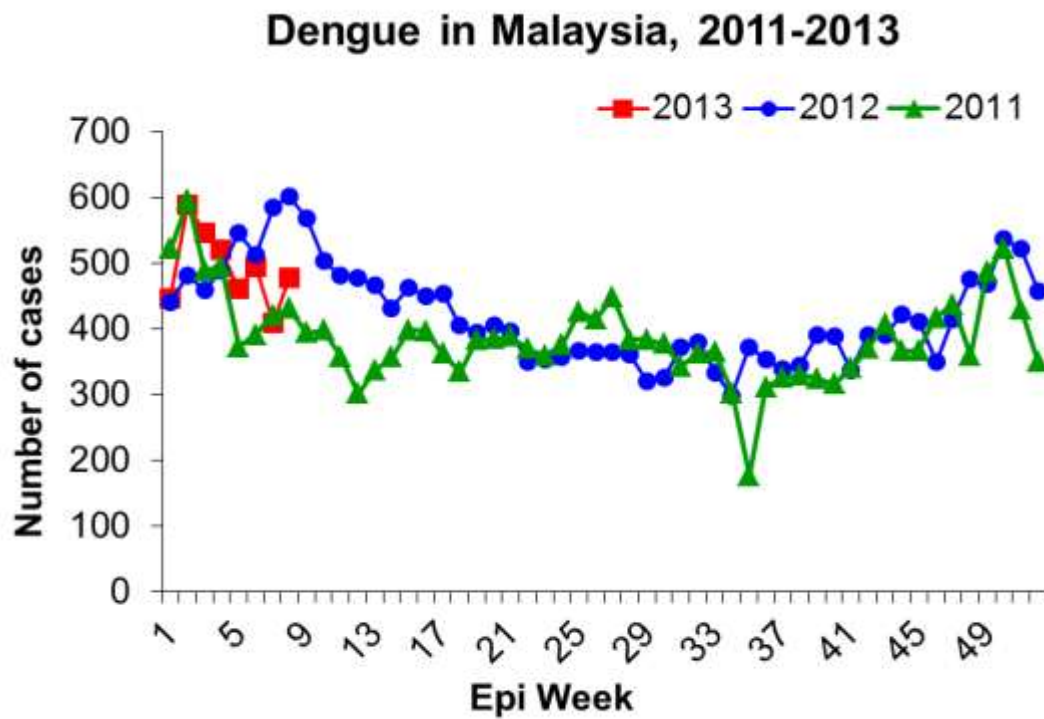


Cambodia up to 19 February in 2013, excluding 2007 and 2012 epidemic years
(Source: Ministry of Health)

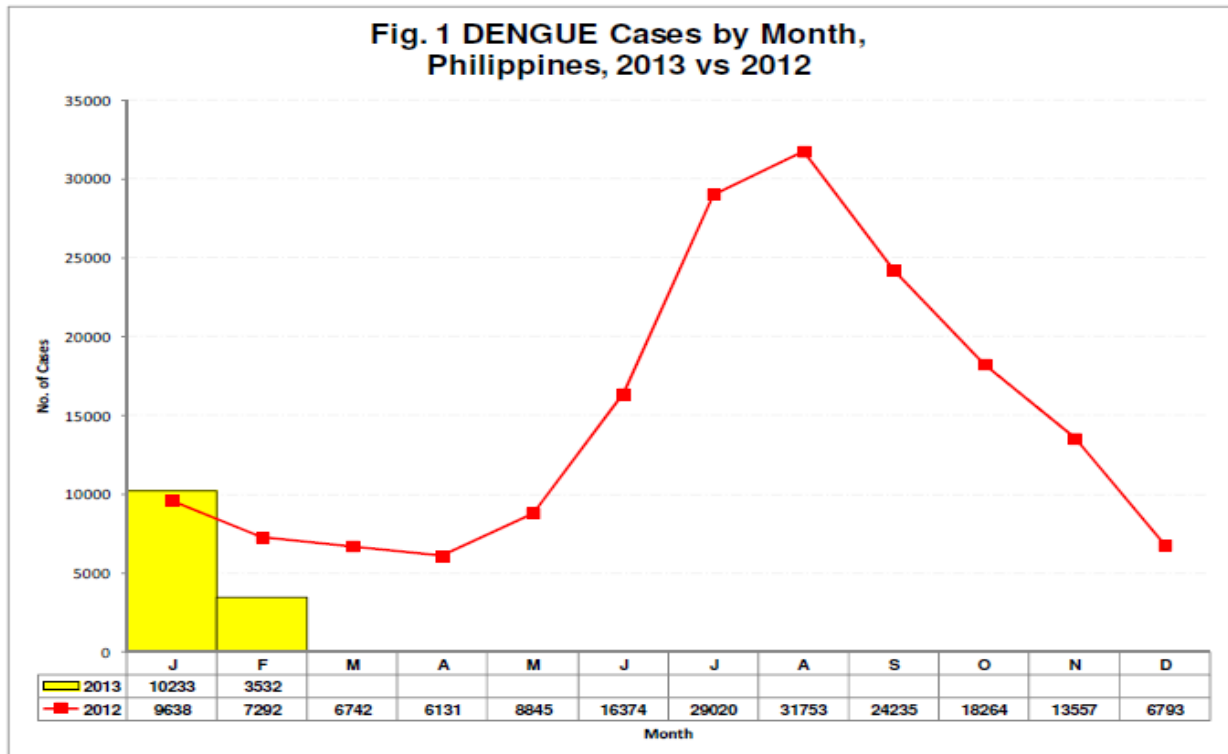


Lao PDR up to 22 February in 2013
(Source: National Center for Laboratory and Epidemiology, Ministry of Health)

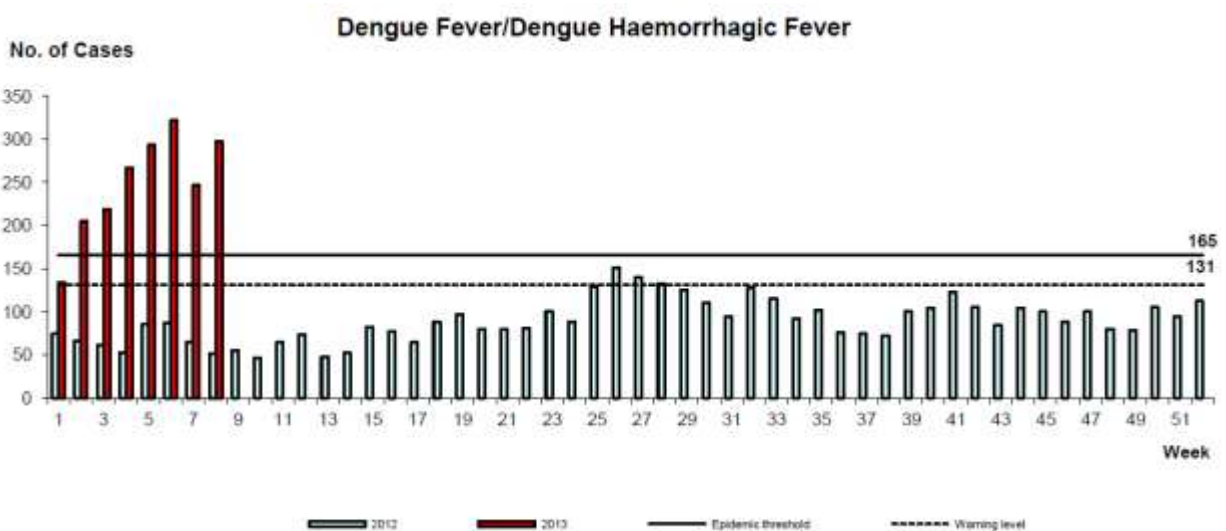
Mean and Mean + 2 Standards Deviations (Mean+2 SD) refer to data from the last 5 years 2006-2011, excluding 2010 epidemic year



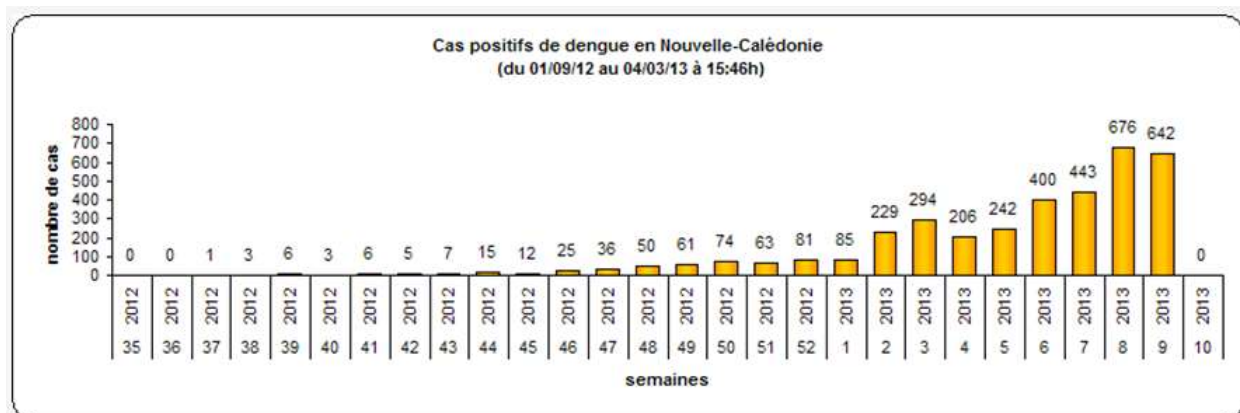
Malaysia up to 23 February in 2013 (Source: Ministry of Health)



Philippines up to 23 February in 2013
 (Source: Department of Health National Epidemiology Center)



Singapore up to 23 February in 2013 (Source: Ministry of Health)



New Caledonia as of 4 March in 2013
(Source: Pacific Public Health Surveillance Network)