



## Western Pacific Regional Office of the World Health Organization

### WPRO Dengue Situation Update, 5 February 2013

Regional dengue activity is variable. While Cambodia, Lao PDR, Malaysia, Philippines, Singapore and Viet Nam all reported more cases as compared to the previous year for the same time period, the recent trend is declining or remains low in Cambodia, Lao PDR, Malaysia, Philippines and New Caledonia. Australia and Singapore however, are seeing an increase in 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***	↑	101	265	0.4
Cambodia	↓	451	121	3.7
Lao PDR	↓	554	151	3.7
Malaysia	↓	2099	1868	1.1
Philippines	↓	178 644(2012)	125 975(2011)	1.4
Singapore	↑	825	253	3.3
Viet Nam	↑	77 618(2012)	64 532(2011)	1.2
Pacific Sub-region				
New Caledonia	↓	909	0	

\*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 2013 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 trends increased from December 2012 to January 2013. 101 cases were reported for January 2013 compared to 265 cases in the same period for 2012.

**Cambodia:** Weekly trend has continued to decrease based on the three week moving average. 127 cases (0 deaths;) were reported in the week of 16 to 22 January 2013 compared to 59 cases in the same period for 2012. Cumulative report for 2013 to 22 January is 451 cases (0 deaths; CFR 0.0%).

**Lao PDR:** Weekly trend has decreased based on the three week moving average. 111 cases (0 deaths) reported between 19 to 25 January 2013 compared to 40 cases (0 deaths) in 2012 for the same period. The number of cases is above the epidemic alert level. Cumulative report for 2013 to 25 January is 555 cases (0 deaths; CFR 0.0%).

**Malaysia:** Weekly trend decreased based on the three week moving average. 519 cases (0 deaths) reported in week of 20 to 26 January 2013 compared to 488 cases (0 deaths) in 2012 for the same period. Cumulative report for 2013 to 26 January is 2099 cases (5 deaths; CFR 0.2%).

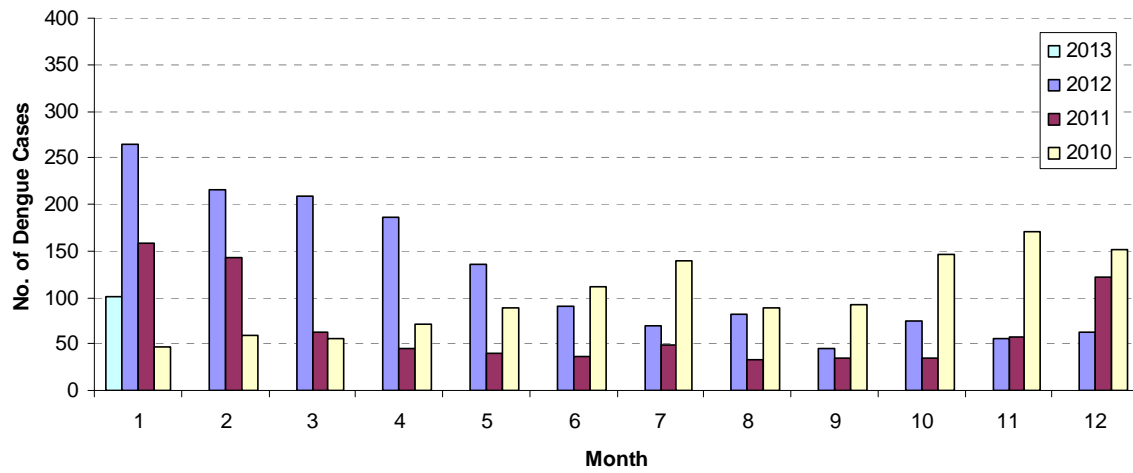
**New Caledonia:** Weekly trend decreased based on the three week moving average. 116 cases reported in week of 25 to 31 January 2013. Cumulative report for 2013 to 31 January is 909 cases.

**Philippines:** Weekly trend has continued to decrease based on the three week moving average. 178 644 cases (872 deaths; CFR 0.5%) reported up to 31 December in 2012; 125 975 cases (654 deaths; CFR 0.5%) in 2011 for the same time period.

**Singapore:** Weekly trend increased based on the three week moving average. 267 cases reported in week of 20 to 26 January 2013 compared with 52 cases for the same period in 2012. The number of cases exceeds the epidemic threshold. Cumulative report for 2013 to 26 January is 825 cases.

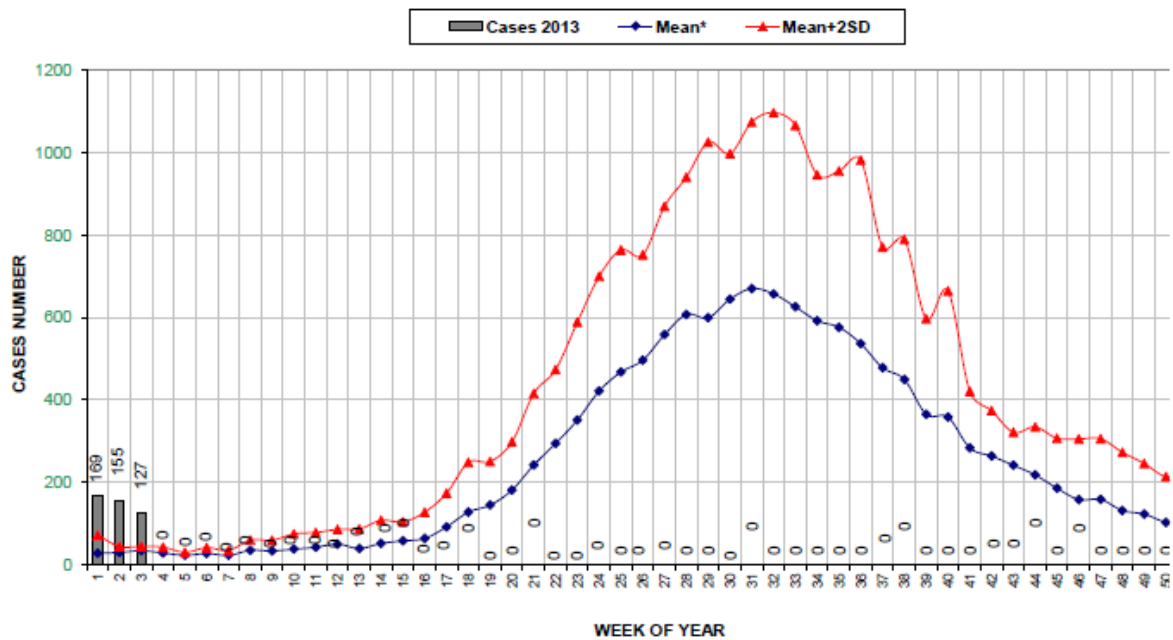
**Viet Nam:** Monthly trend increased from October (8 493 cases) to November (10 063 cases). 77 618 cases (68 deaths; CFR 0.1%) reported up to 30 November in 2012; 64 532 cases (59 deaths; CFR 0.1%) in 2011 for the same period.

### Dengue Australia

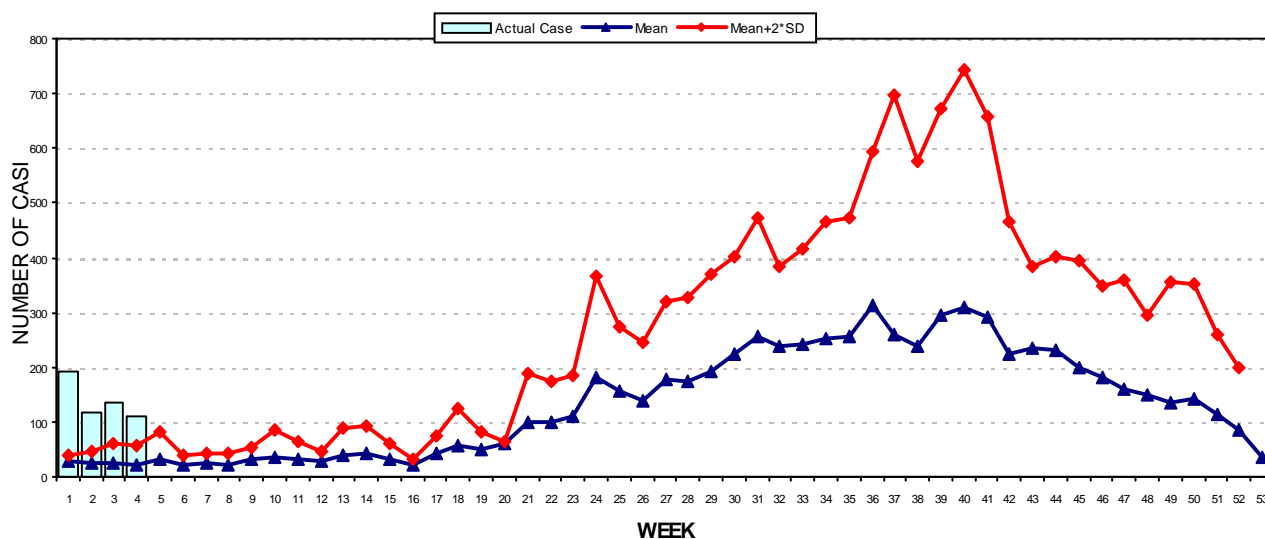


**Australia as of 21 January 2013 (Source: Dept of Health and Ageing)**

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



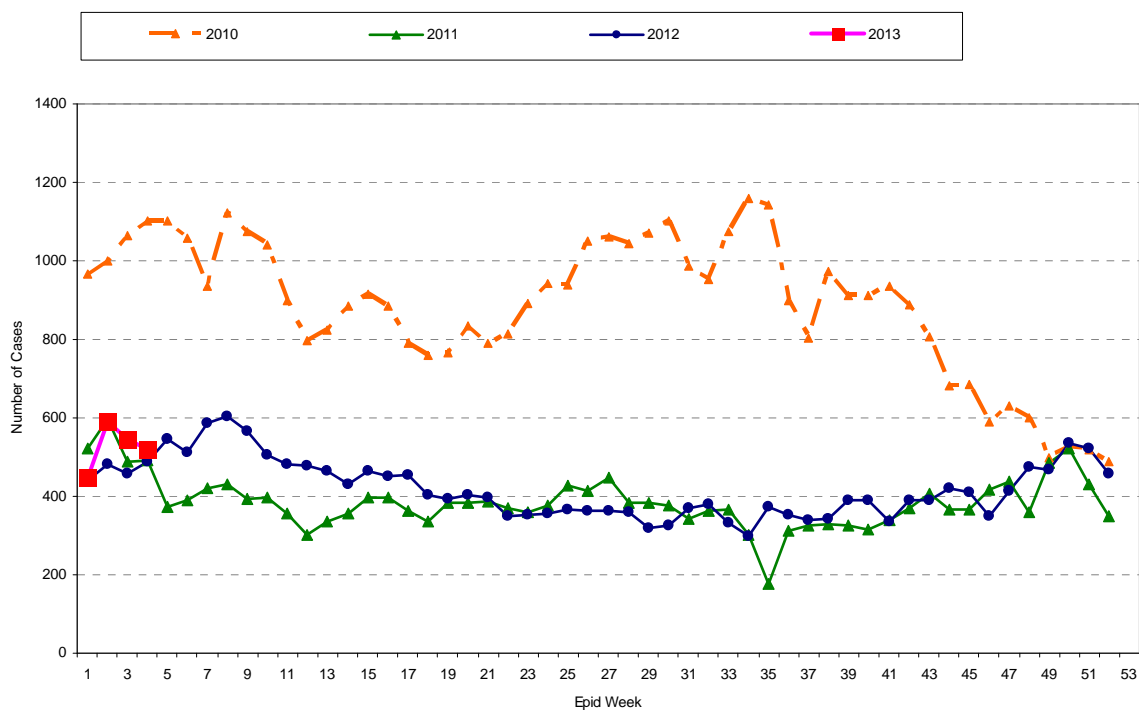
**Cambodia up to 22 January in 2013, excluding 2007 epidemic year (Source: MOH)**



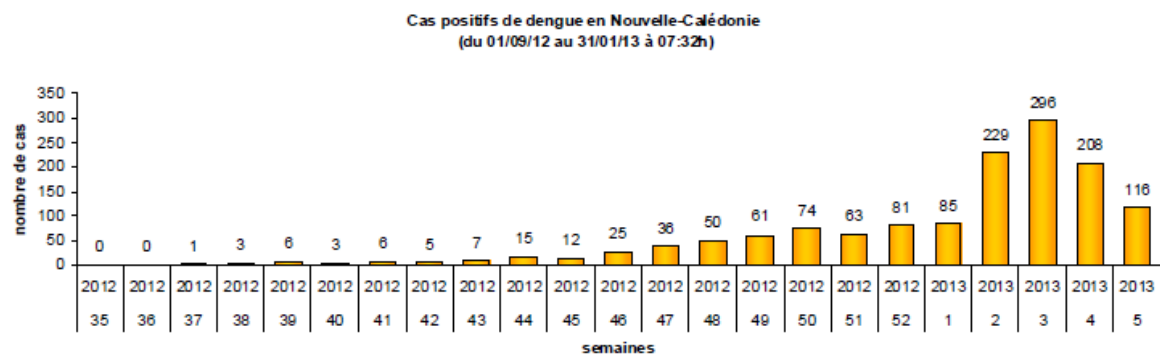
### Lao PDR up to 25 January in 2013 (Source: MOH)

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

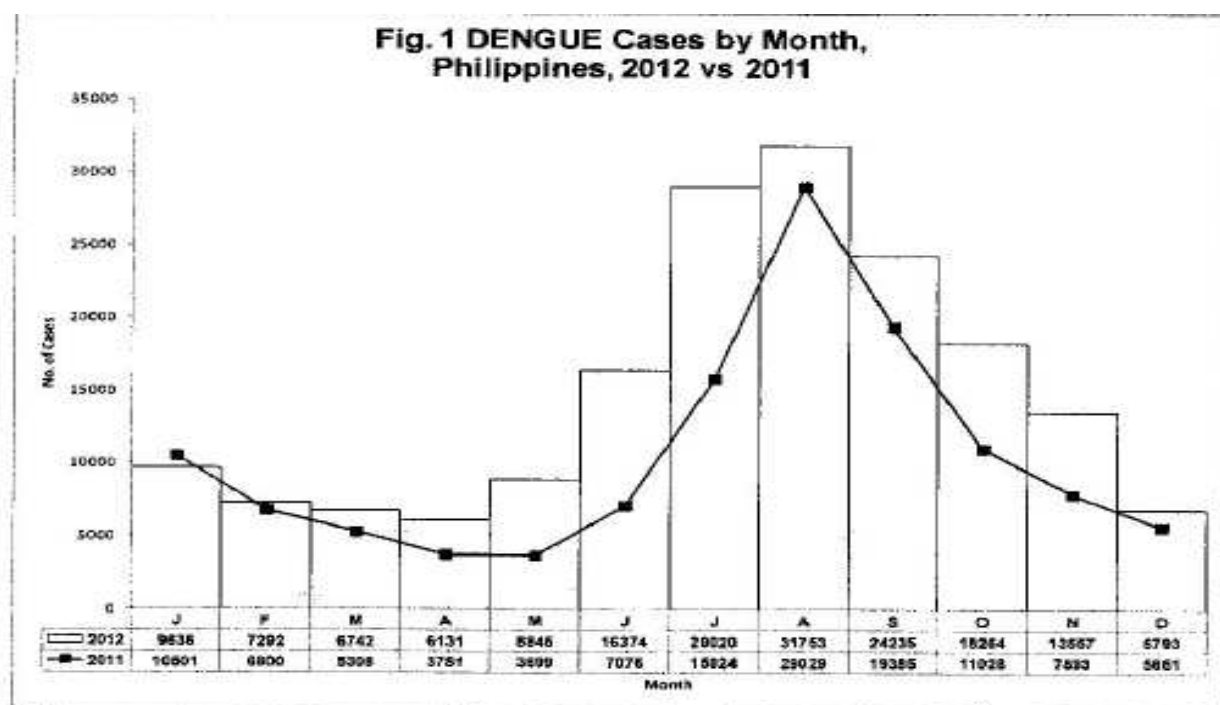
Dengue Fever/Dengue Hemorrhagic Fever; Malaysia;  
by Epid Week; 2010,2011, 2012 and 2013



### Malaysia up to 26 January in 2013 (Source: MOH)

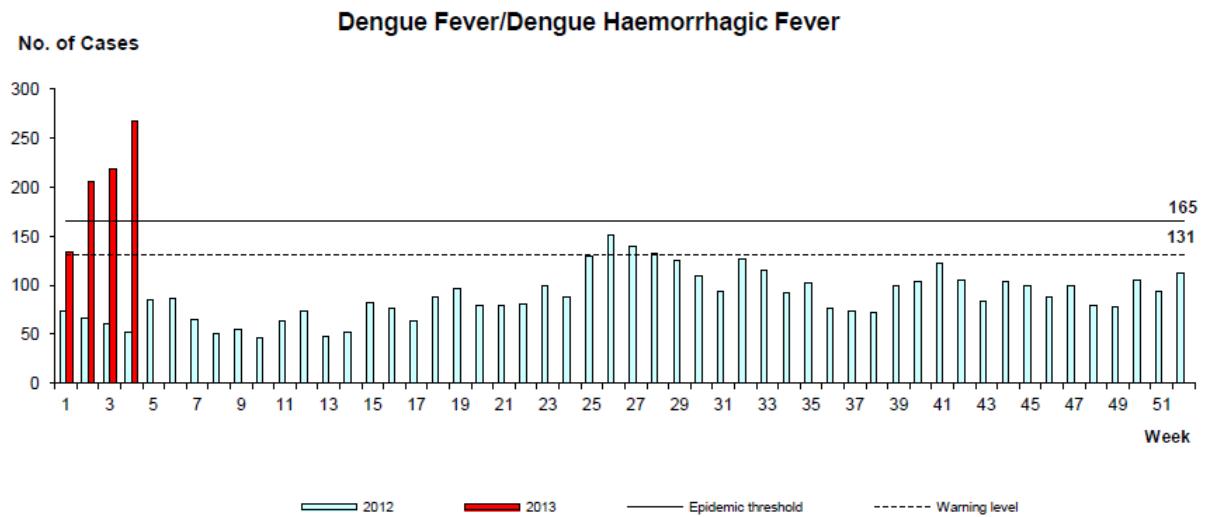


**New Caledonia up to 31 January in 2013 (Source: MOH)**



**Philippines up to 31 December in 2012 (Source: DOH)**

## WEEKLY INCIDENCE OF VECTOR-BORNE DISEASES, 2012-2013



**Singapore up to 26 January in 2013 (Source: MOH)**