



## Western Pacific Regional Office of the World Health Organization

### WPRO Dengue Situation Update, 30 October 2012

Dengue activity is variable. While Australia, Cambodia, Lao PDR, Malaysia, Philippines and Viet Nam have reported more cases in 2012 than 2011 for the same time period, the recent trend is declining in Australia, Cambodia, Philippines and Viet Nam and the current level remains overall low in Malaysia and Singapore.

**Table. Cumulative reported number of dengue cases in 2012 and 2011 (for the same time period), by country.\***

|                     | Recent trend** | Cumulative No. reported cases |         | 2012/2011 ratio |
|---------------------|----------------|-------------------------------|---------|-----------------|
|                     |                | 2012                          | 2011    |                 |
| <b>Australia***</b> | ↓              | 1 280                         | 604     | 2.1             |
| <b>Cambodia</b>     | ↓              | 36 968                        | 14 032  | 2.6             |
| <b>Lao PDR</b>      | ↑              | 6 622                         | 2 731   | 2.4             |
| <b>Malaysia</b>     | ↑              | 17 457                        | 15 745  | 1.1             |
| <b>Philippines</b>  | ↓              | 132 046                       | 105 702 | 1.2             |
| <b>Singapore</b>    | ↑              | 3 687                         | 4 650   | 0.8             |
| <b>Viet Nam</b>     | ↓              | 51 256                        | 42 525  | 1.2             |

\*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 2011 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

**Australia:** Monthly trend decreased from August to September. 1 280 cases up to 30 September in 2012.

**Cambodia:** Weekly trend has continued to decrease based on the three-week moving average. 36 968 cases (155 deaths; CFR 0.4%) up to 9 October in 2012. 14 032 cases (64 deaths; CFR 0.5%) in 2011 for the same time period.

**Lao PDR:** Weekly trend has continued to increase based on the three-week moving average. 6 622 cases (14 deaths; CFR 0.2%) up to 6 October in 2012; 2 731 cases (5 deaths; CFR 0.2%) in 2011 for the same time period. An alert remains at the country level.

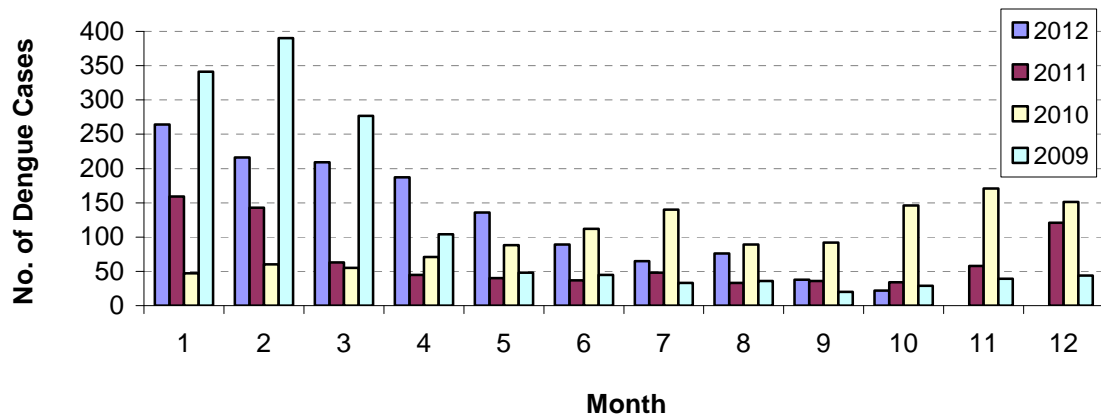
**Malaysia:** Weekly trend increased based on the three-week moving average but the level continued to remain low. 17 457 cases (27 deaths; CFR 0.2%) up to 20 October in 2012; 15 745 cases (27 deaths; CFR 0.2%) in 2011 for the same time period.

**Philippines:** Weekly trend has continued to decrease based on the three-week moving average. 132 046 cases (701 deaths; CFR 0.5%) up to 13 October in 2012; 105 702 cases (577 deaths; CFR 0.5%) in 2011 for the same time period.

**Singapore:** Weekly trend increased based on the three-week moving average. 3 687 cases up to 20 October in 2012. The weekly number of cases continued to remain below the warning level.

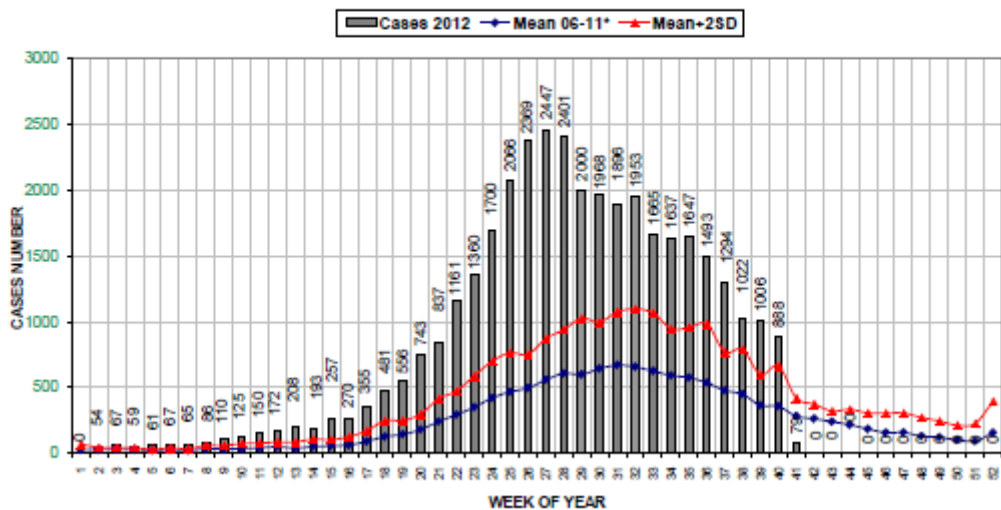
**Viet Nam:** Monthly trend decreased from August (10 935 cases) to September (9 668 cases). 51 256 cases (42 deaths; CFR 0.1%) up to 30 September in 2012; 42 525 cases (32 deaths; CFR 0.1%) in 2011 for the same time period.

## Dengue Australia

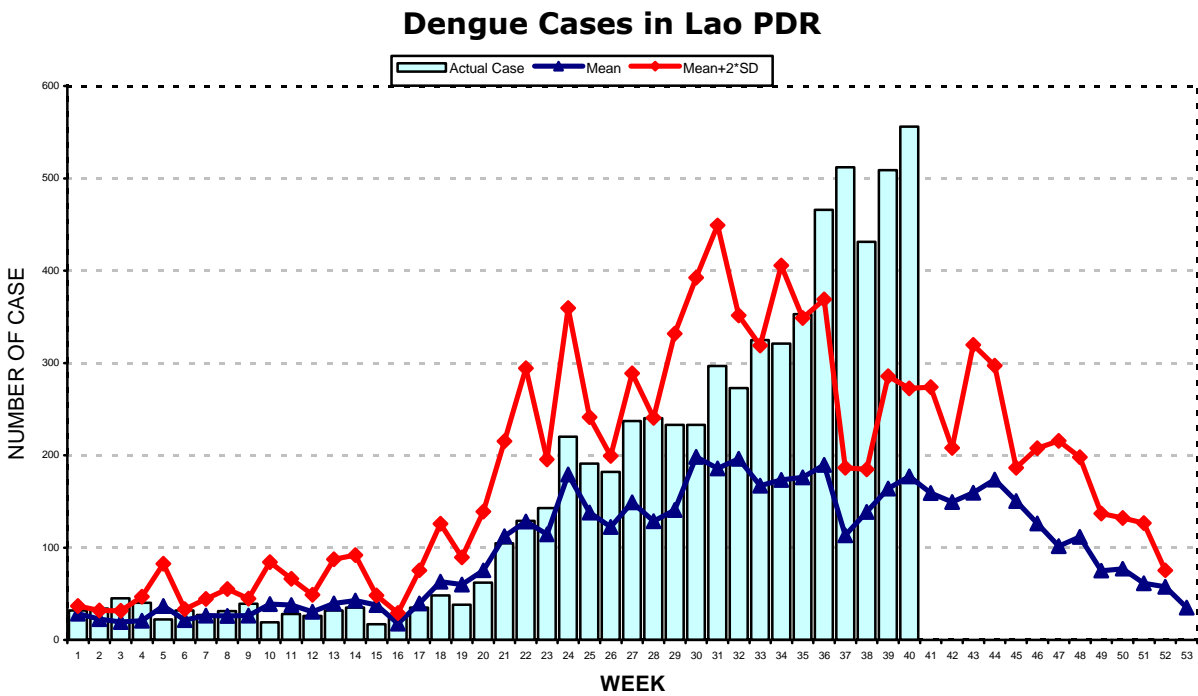


Australia as of 30 October 2012 (Source: Dept of Health and Ageing)

RELATIONSHIP OF DENGUE CASES BY WEEKS IN CAMBODIA 2012  
WITH Mean AND Mean+2SD DURING 2006-2011 (\*Excluded 2007)



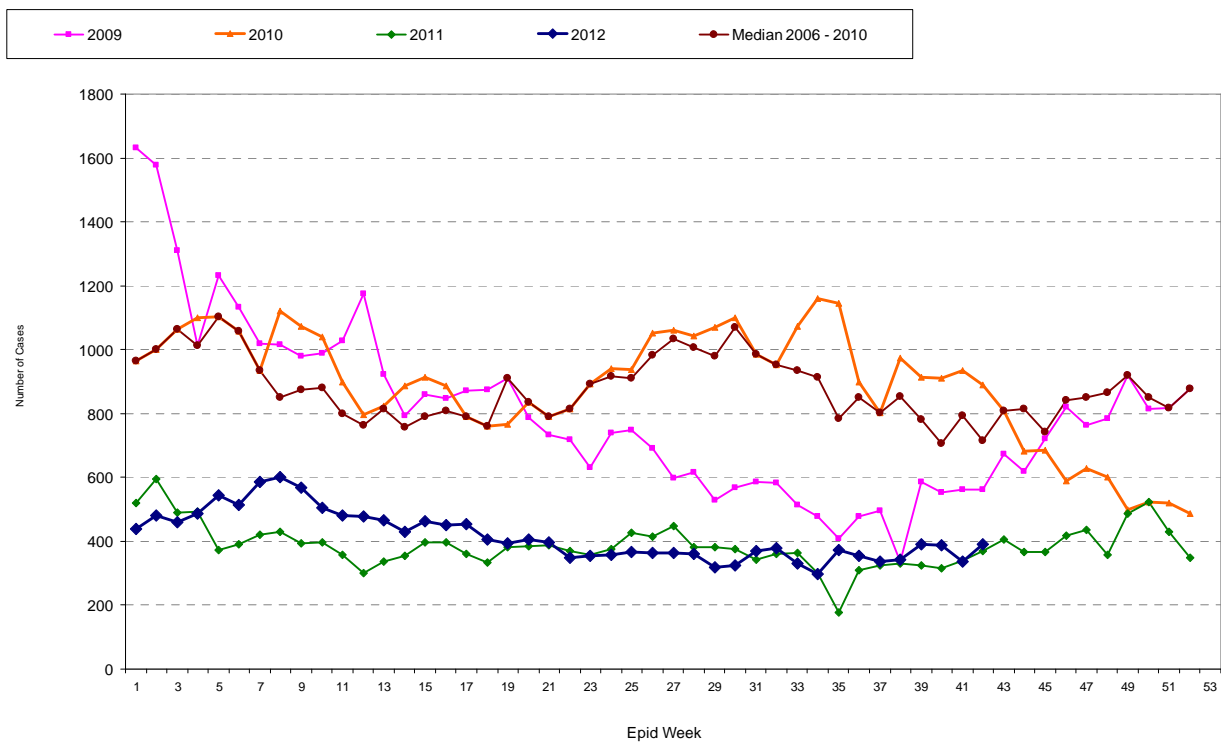
Cambodia up to 9 October 2012, excluding 2007 epidemic year (Source: MOH)



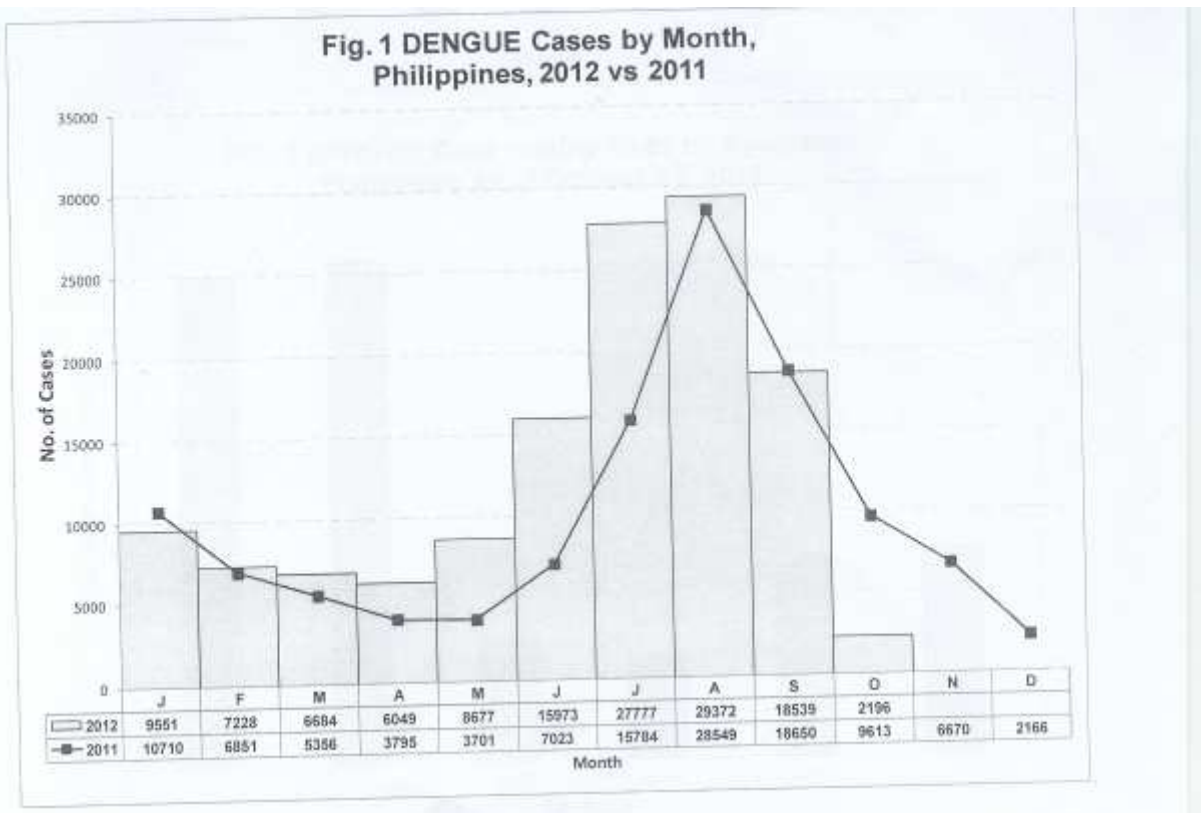
#### Lao PDR up to 6 October 2012 (Source: MOH)

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; 2009, 2010, 2011 and 2012

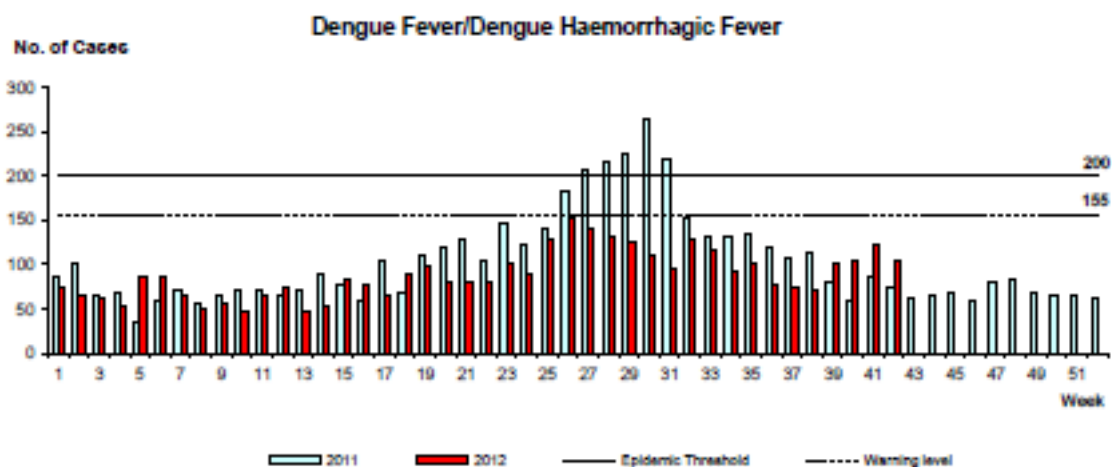


#### Malaysia up to 20 October 2012 (Source: MOH)



**Philippines up to 13 October 2012 (Source: DOH)**

#### WEEKLY INCIDENCE OF VECTOR-BORNE DISEASES, 2011-2012



**Singapore up to 20 October 2012 (Source: MOH)**