



Western Pacific Regional Office of the World Health Organization

WPRO Dengue Situation Update, 2 October 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 have reported more cases in 2013 than 2012 for the same time period. The recent trend has increased in Malaysia and Viet Nam. The recent trend continued to decrease in Australia, Cambodia, Lao PDR and has declined to low levels in New Caledonia. French Polynesia, however, continues to report dengue activity.

Table. Cumulative reported number of dengue cases in 2013 and 2012 (for the same time period), by country.*

(for the same time period), by country.				
	Recent trend**	Cumulative No. reported cases		2013/2012 ratio
		2013	2012	
Asia Sub-region				
Australia***	↓	1351	1323	1.0
Cambodia	↓	14 592	34 995	0.4
Lao PDR	↓	41 837	5556	7.5
Malaysia	↑	21 453	15 950	1.3
Philippines	↓	117 658	124 173	0.9
Singapore	↓	16 412	3235	5.1
Viet Nam	↑	35 699	46 121	0.8
Pacific Sub-region				
New Caledonia	↓	10 534	247	42.6

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

Asia Sub-region

Australia: The monthly trend continued decreasing from August to September 2013. 45 cases were reported for the month of September 2013, similar to 47 cases in September 2012. There were 1351 cases reported up to 30 September 2013.

Cambodia: The weekly trend continued to decrease based on the three week moving average. 168 cases were reported in the week 11 to 17 September 2013 compared to 1294 cases in the same week for 2012. There were 14 592 cases (44 deaths) reported up to 17 September in 2013.

China: As of 3 September 2013, a total of 581 dengue cases reported in Xishuangbanna, Dai Autonomous Prefecture, south Yunnan Province since a dengue outbreak was first reported 15 Aug 2013. Most cases indigenous. 116 cases remain hospitalized, 56 treated at home and 409 cases recovered; no severe cases or deaths. Emergency response was implemented with national and provincial level support to control the outbreak. Training courses for medical staff, anti-mosquito spraying and IEC, with implementation of vector control measures and management of cases. Trend is no longer increasing. Overall in China, 913 dengue cases reported Jan–Aug 2013; in addition to Yunnan, Guangdong province has also seen increased reports of dengue cases in 2013, with 296 cases reported up to end of Aug in 2013 (majority reported in July and August).

Lao PDR: The number of cases reported remained above the epidemic alert level but the weekly trend continued to decrease based on the three week moving average. 556 cases were reported with no death from 15 to 20 September 2013 compared to 431 cases in the same period for 2012. 41 837 cases (93 deaths) were reported up to 20 September in 2013.

Malaysia: The weekly trend continued to increase based on the three week moving average. 946 cases reported in week of 15 to 21 September 2013 compared to 344 cases in the same period for 2012. 21 453 cases (45 deaths) were reported up to 21 September in 2013.

Philippines: The weekly trend decreased based on the three week moving average. 117 658 cases (433 deaths) were reported up 7 September in 2013.

Singapore: The number of cases remained above the epidemic threshold but the weekly trend decreased based on the three week moving average. 371 cases were reported in the week of 15 to 21 September 2013 compared with 72 cases for the same period in 2012. 16 412 cases reported up to 21 September in 2013.

Viet Nam: Up to 20 August in 2013, there have been 35 699 cases (23 deaths) reported compared to 46 121 cases (34 deaths) for the same period for 2012. There were 19 364 cases (7 deaths) reported from 1–20 August 2013.

Pacific Sub-region

New Caledonia: Weekly trend continued to decrease based on the three week moving average and remained low. 2 cases reported in week of 15 to 28 September 2013. 10 534 cases reported up to 28 September in 2013.

French Polynesia continues to report dengue and monthly number of cases increased from 129 in August to 140 in September (up to 27 Sep). As of 27 September, there have been a total of 515 cases since February 2013. Majority of cases are serotype-1 while serotype-3 accounts for one third of the cases. Majority of the cases are from Tahiti (59%) and Moorea (28%).

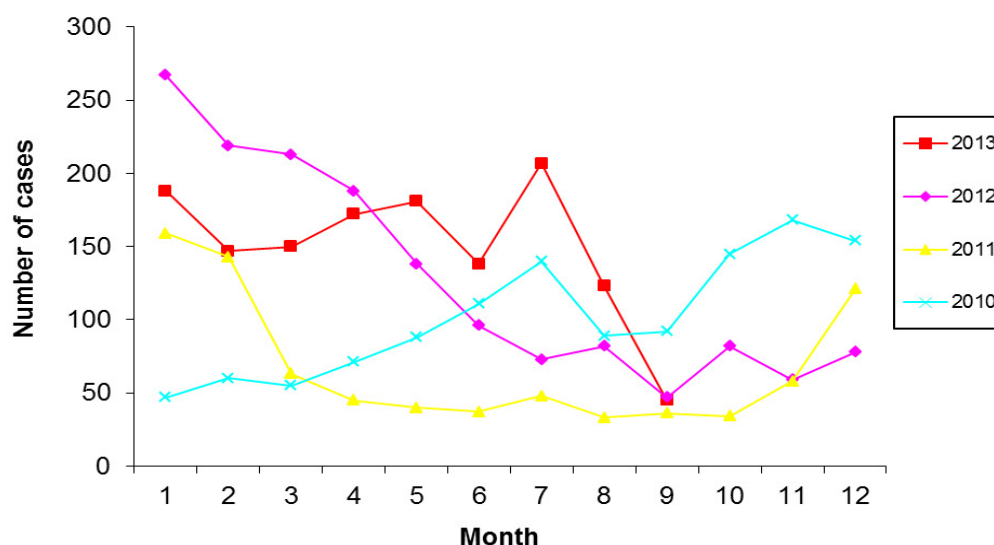
Chikungunya Update

In recent times, the Western Pacific Region has been experiencing increased reports of chikungunya. In Singapore, 704 cases have been reported up to 21 September in 2013 relative to 9 cases for the same time period in 2012; weekly trend has been increasing for the last several weeks, with 49 cases reported during 15-21 September 2013. In Cambodia, chikungunya reemerged and was detected February-March 2012, soon to be followed by the detection and report of chikungunya for the first time in neighboring Lao PDR, May- September 2012 (see WPSAR:

<http://ojs.wpro.who.int/ojs/index.php/wpsar/article/view/192/252>).

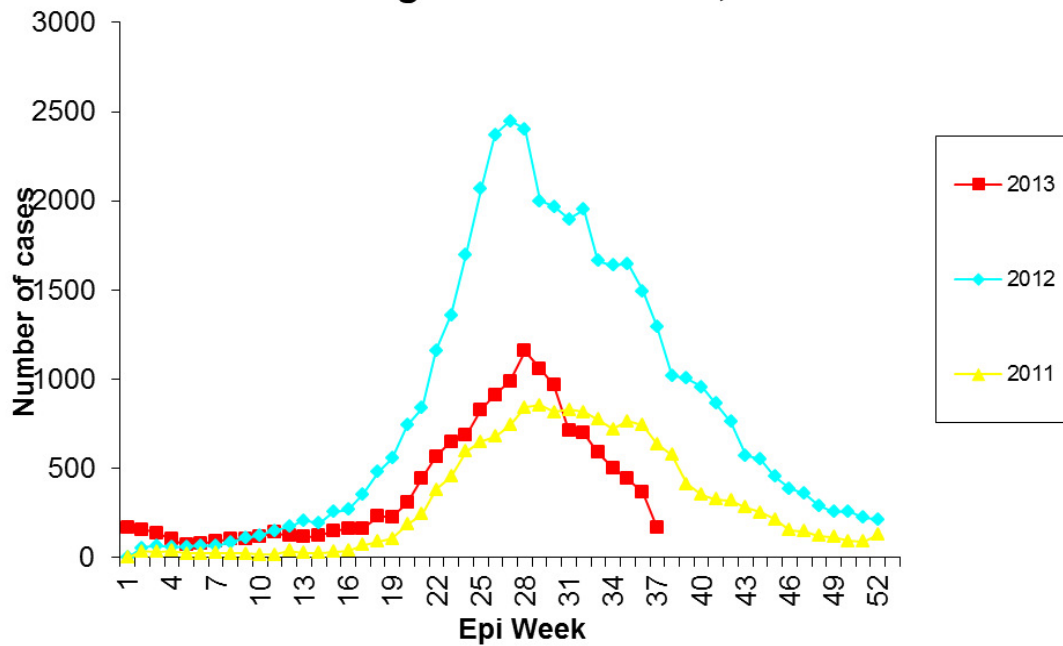
In the Oceania region, since chikungunya was reported February-June 2011 in New Caledonia, Papua New Guinea has reported a large outbreak in June 2012 (see WPSAR: <http://ojs.wpro.who.int/ojs/index.php/wpsar/article/view/96/287>). In Australia, 107 cases were reported up to 30 September in 2013 relative to 9 in 2012 and 27 in 2011 for the same time period; currently, however, the trend in number of reported cases have been decreasing (18 cases in July, 8 cases in August and no cases reported in September 2013).

Dengue in Australia, 2010-13



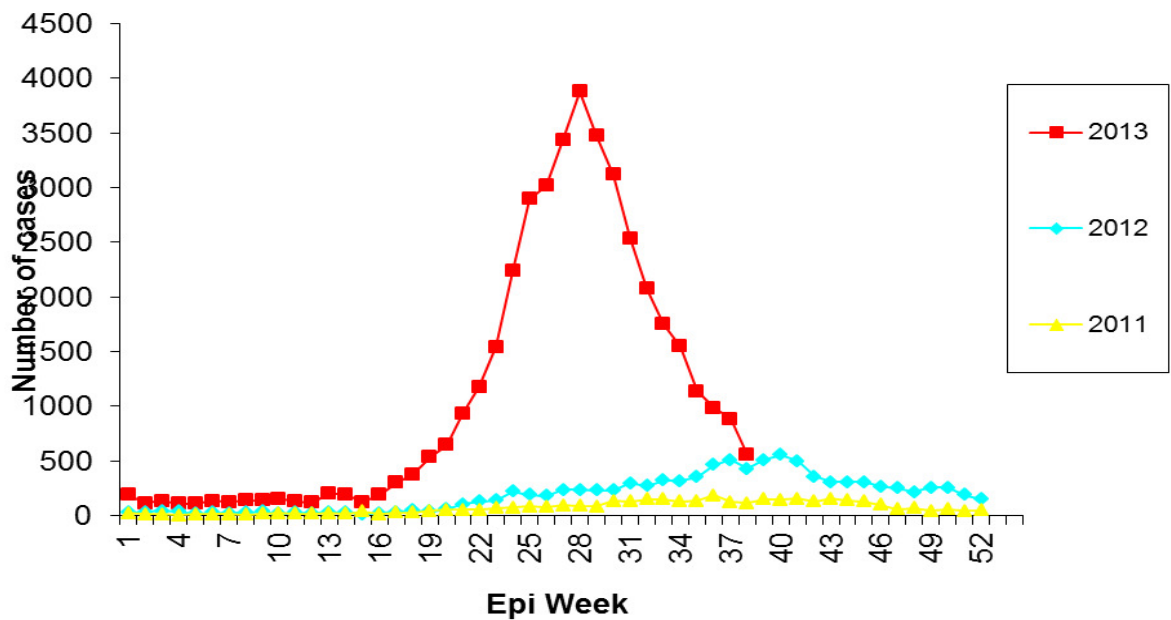
Australia up to end of September 2013 (Source: Dept of Health and Ageing)

Dengue in Cambodia, 2011-2013



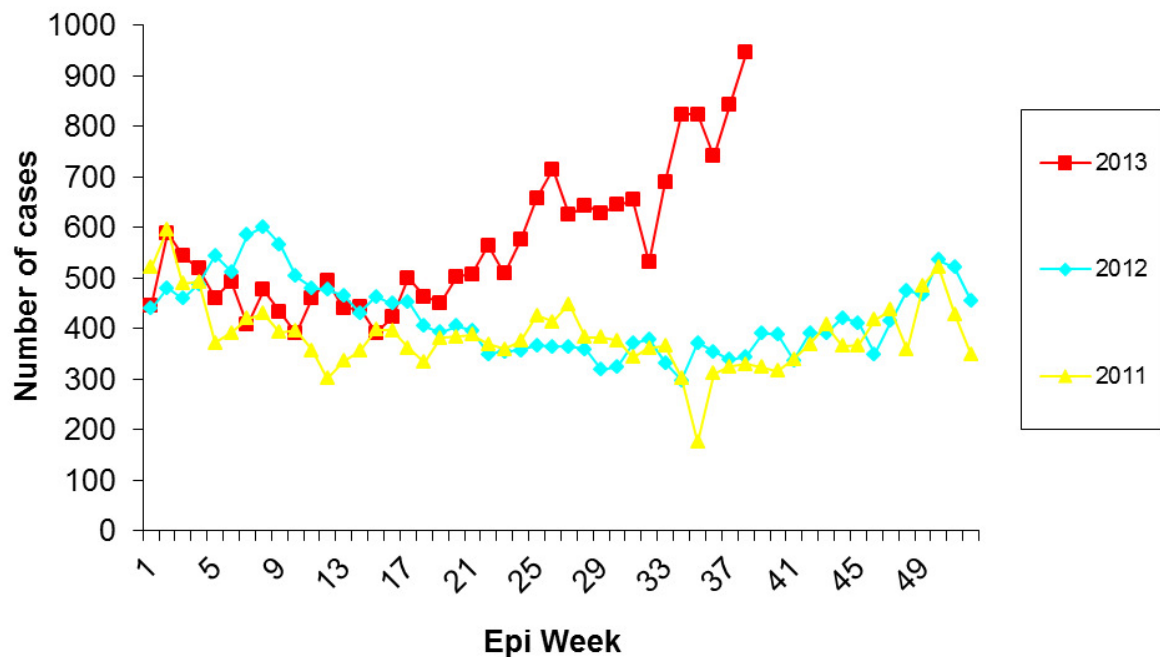
Cambodia up to 17 September in 2013 (Source: Ministry of Health)

Dengue in Lao, 2011-2013



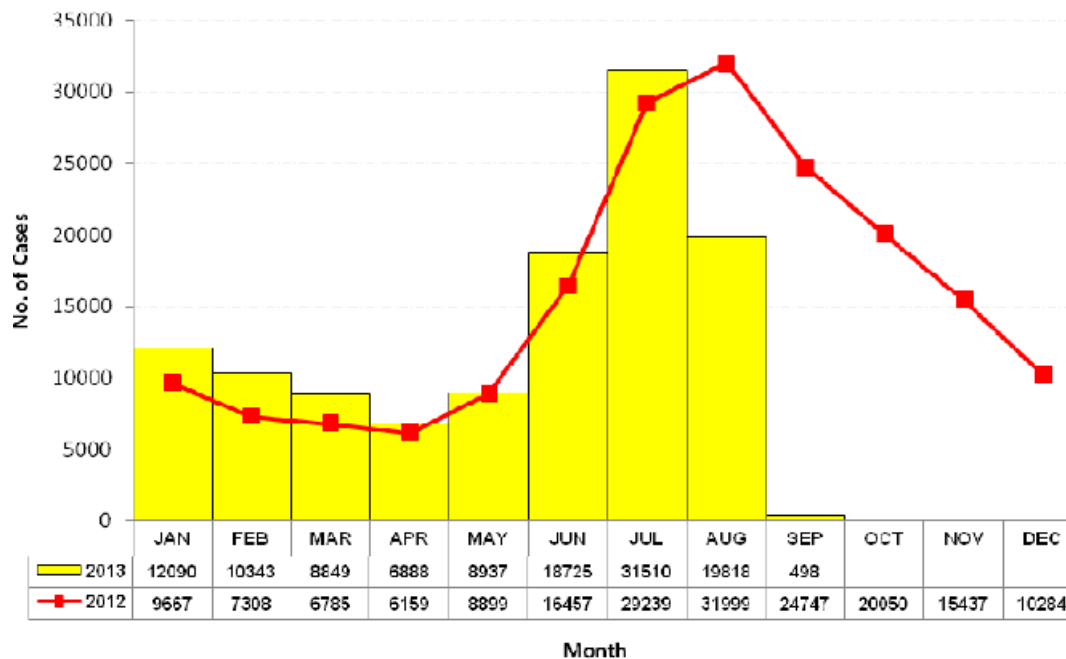
Lao PDR up to 20 September in 2013
(Source: National Center for Laboratory and Epidemiology, Ministry of Health)

Dengue in Malaysia, 2011-2013



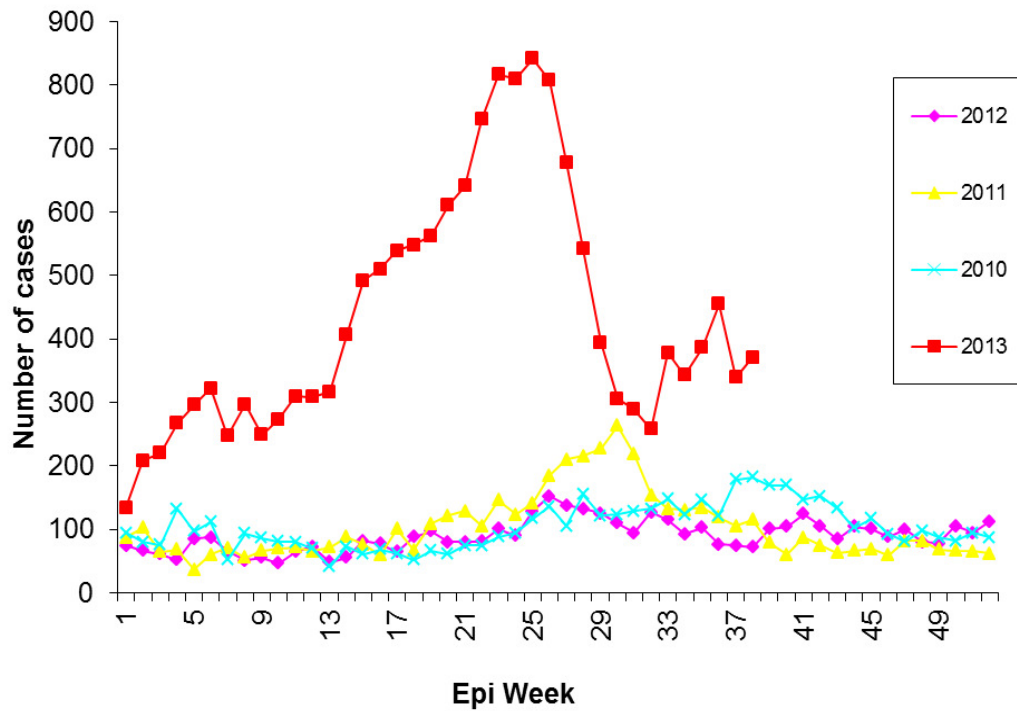
Malaysia up to 21 September in 2013 (Source: Ministry of Health)

Dengue in Philippines, 2012-2013



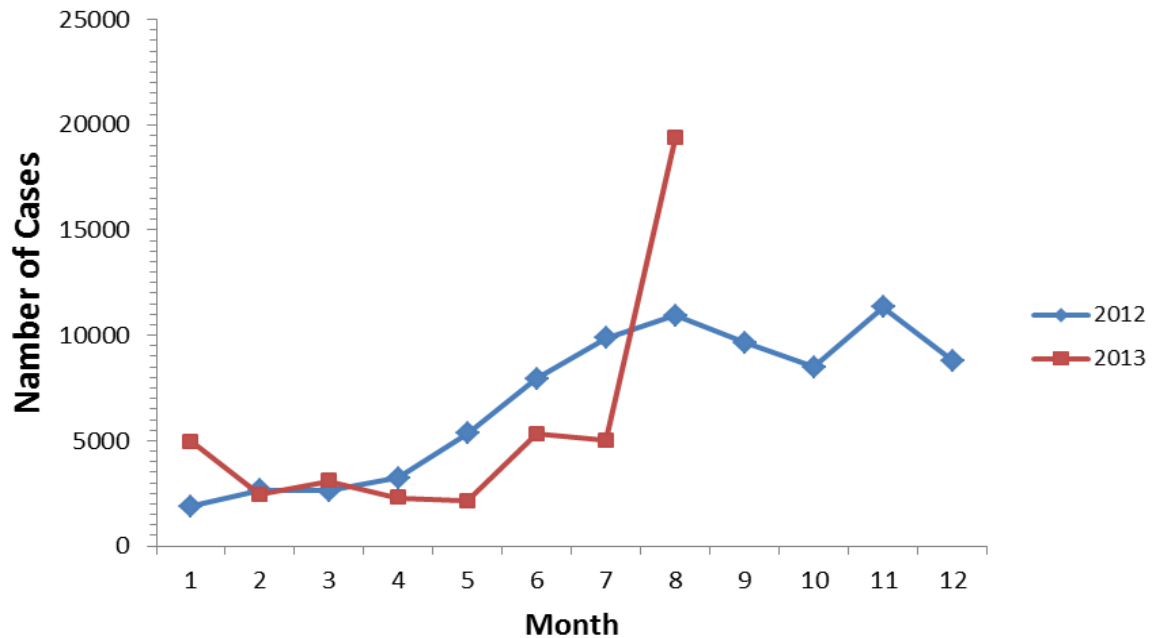
Philippines up to 7 September 2013
(Source: Department of Health National Epidemiology Center)

Dengue in Singapore, 2010-2013



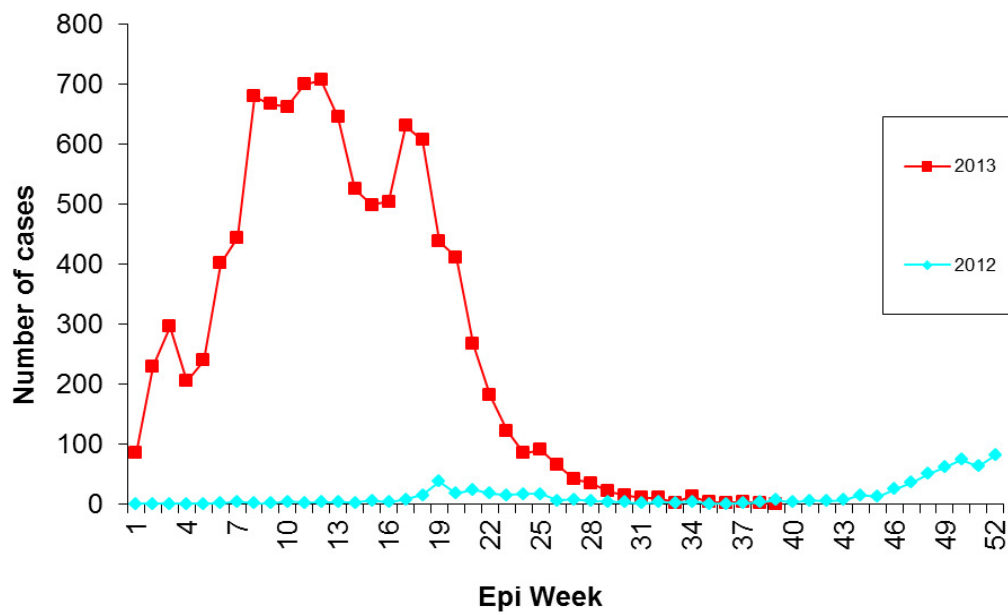
Singapore up to 21 September in 2013 (Source: Ministry of Health)

Dengue in Viet Nam, 2012-2013



Viet Nam up to 20 August in 2013 (Source: Ministry of Health)

Dengue in NEC, 2012-2013



New Caledonia as of 28 September in 2013
(Source: Pacific Public Health Surveillance Network)