



Western Pacific Regional Office of the World Health Organization

WPRO Dengue Situation Update, 12 February 2014

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

Regional dengue activity is variable. Malaysia and Singapore have been experiencing a greater number of reported cases in 2014 compared to 2013, for the same time period. The recent trend increased in Australia and New Caledonia, however, reported cases remained lower than 2013, for the same time period, particularly in New Caledonia. The recent trend continued to decrease in Cambodia, Lao PDR, Philippines and Viet Nam.

Lao PDR experienced a large dengue year in 2013, peaking in August 2013. However, in early 2014, dengue activity remains low, and substantially lower than during the same time period in 2013.

Malaysia has been experiencing increased level of dengue activity. In early 2014, dengue activity is over 2 times higher than 2013 for the same time period.

Singapore has also been experiencing an increased level of dengue activity. In early 2014, dengue activity is 1.7 times higher than 2013, for the same time period. The recent trend, however, has decreased.

In addition, dengue and other arboviruses continue to impact several Pacific Islands. **New Caledonia** experienced a large dengue year in 2013, 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. **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). **Kiribati** and **Fiji**, have been seeing higher dengue activity since December 2013. In addition to dengue, Zika virus outbreak (first reported in the Pacific in 2007 from **Federated States of Micronesia**) is occurring concurrently in French Polynesia and Chikungunya virus outbreak (first reported in the Pacific in 2011 from New Caledonia) in Federated States of Micronesia.

Table. Reported number of dengue cases in 2014 and 2013 (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 2013 (week (w) or month (m)) | Cumulative No. reported cases (deaths) | | 2014 /2013 ratio |
|---------------|----------------|--|------------------|--|--|--------------------|------------------|
| | | | | | 2014 | 2013 | |
| Australia*** | ↑ | 182/m | January | 194/m | 182 (NA) | 194 (NA) | 0.9 |
| Cambodia | ↓ | 235/w | 30 Oct - 5 Nov | 550/w | 16 722 (53) (2013) | 40 164 (NA) (2012) | 0.4 |
| Lao PDR | ↓ | 4/w | 25 - 31 Jan | 111/w | 67 (0) | 665 (0) | 0.1 |
| Malaysia | ↑ | 1 946/w | 5 – 12 Jan | 589/w | 2 985 (6) | 1 035 (2) | 2.9 |
| Philippines | ↓ | 141^/w | up to 25 Jan | 2 807/w | 3 549 (0) | 10 534 (NA) | 0.3 |
| Singapore | ↓ | 236/w | 26 Jan - 1 Feb | 292/w | 1 889 (NA) | 1 111 (NA) | 1.7 |
| Viet Nam | ↓ | 5 076/m | Dec 2013 | 8 812/m | 66 140 (42) (2013) | 86 017 (80) (2012) | 0.8 |
| New Caledonia | ↑ | 5/w | up to 7 Feb | 401/w | 21 (NA) | 1 455 (NA) | 0.01 |

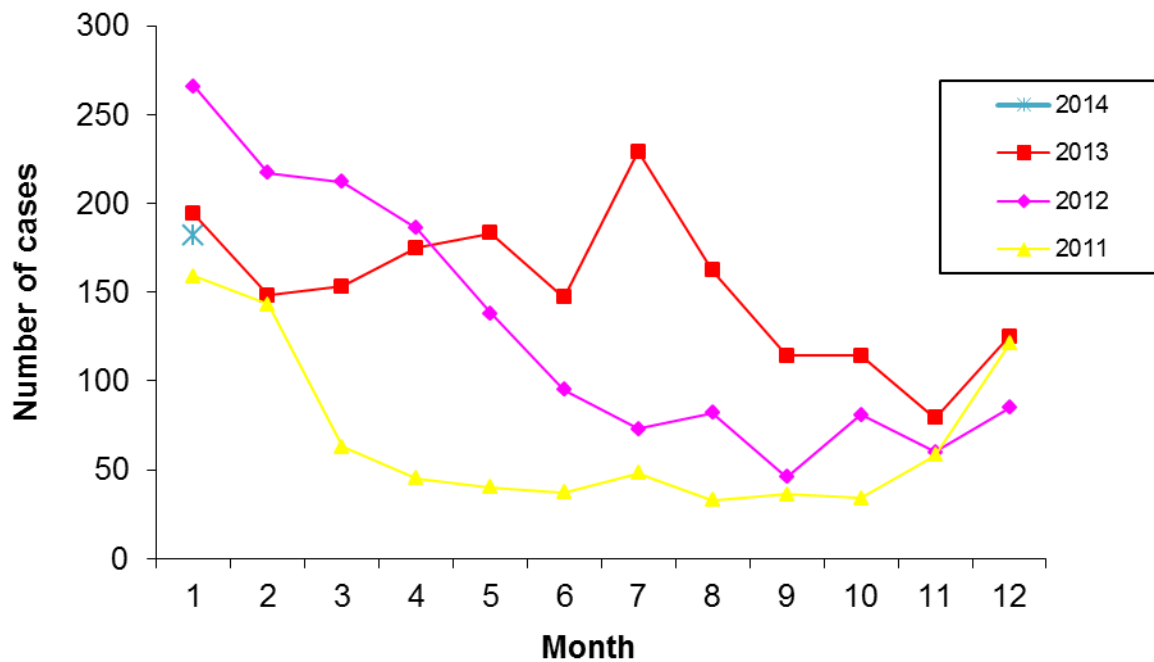
*Dengue reporting systems vary by country and any change in the surveillance system over time is not reflected in the above figures. Number of reported cases listed for 2014 and 2013 (or, if stated for 2013 and 2012) are for the same time period for each year.

**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

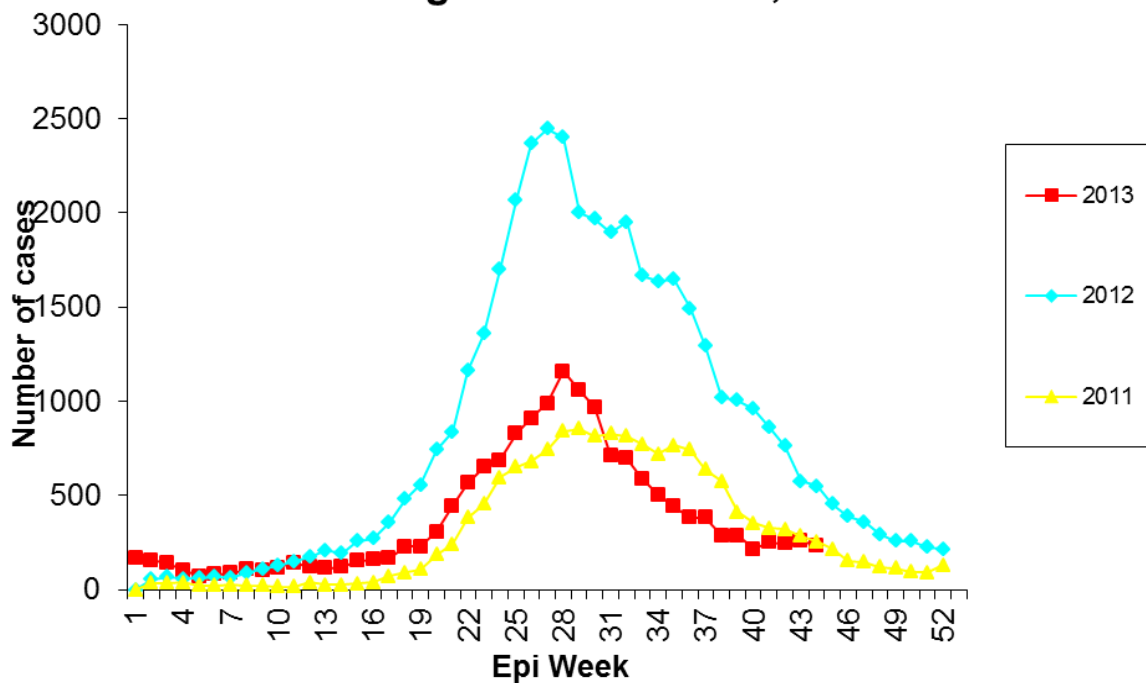
^ No available data in 4 regions

Dengue in Australia, 2011-14



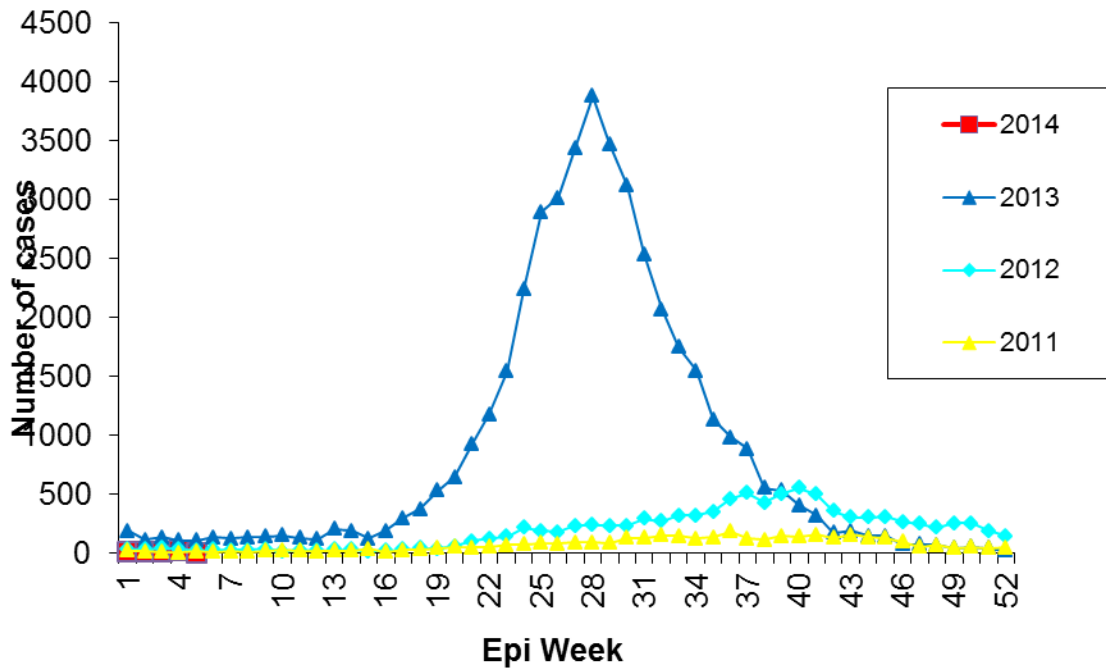
Australia up to end of January 2014 (Source: Dept of Health and Ageing)

Dengue in Cambodia, 2011-2013



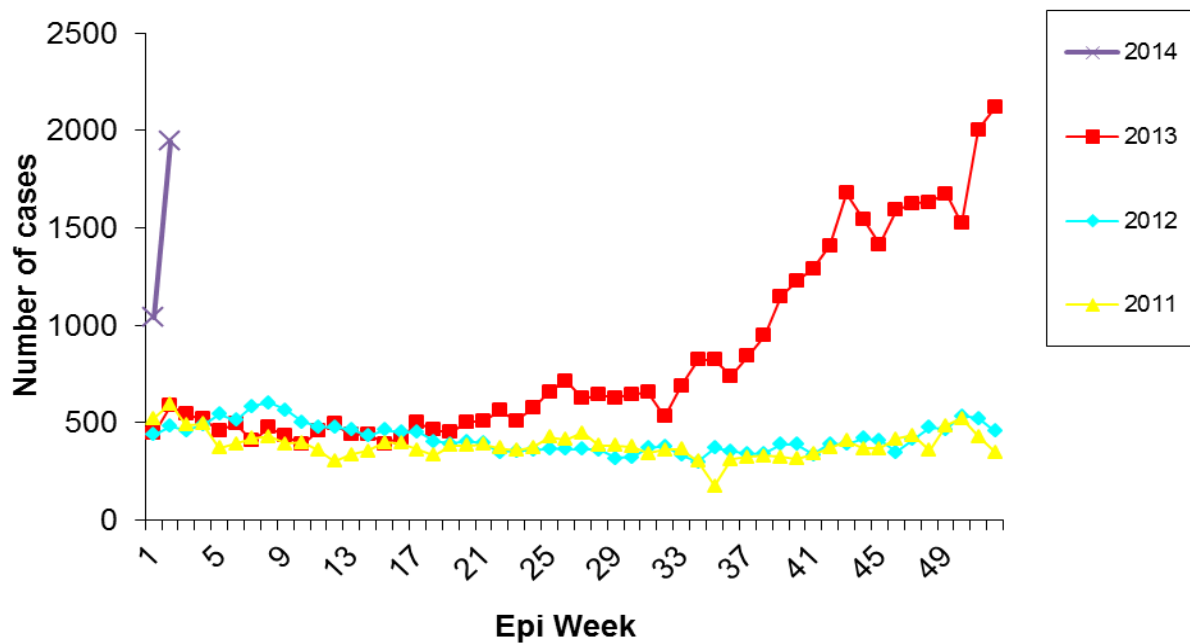
Cambodia up to 5 November 2013 (Source: Ministry of Health)

Dengue in Lao, 2011-2014



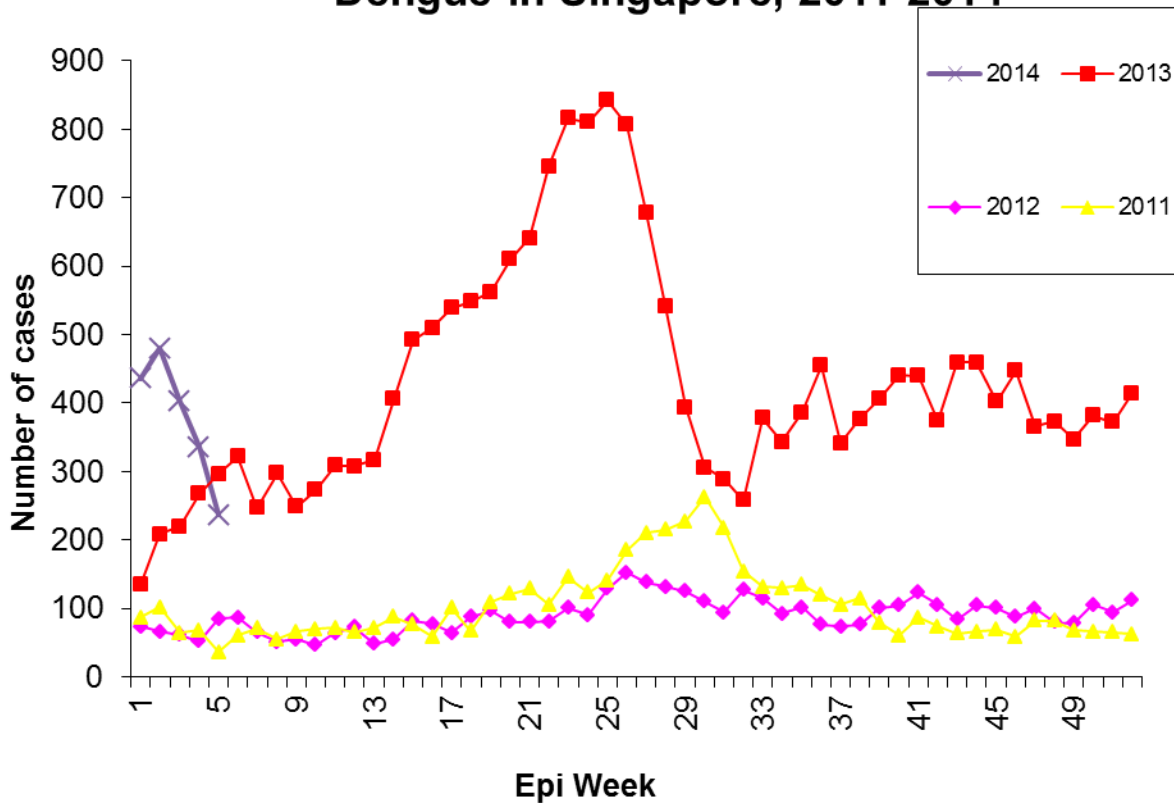
Lao PDR up to 31 January 2014

Dengue in Malaysia, 2011-2014



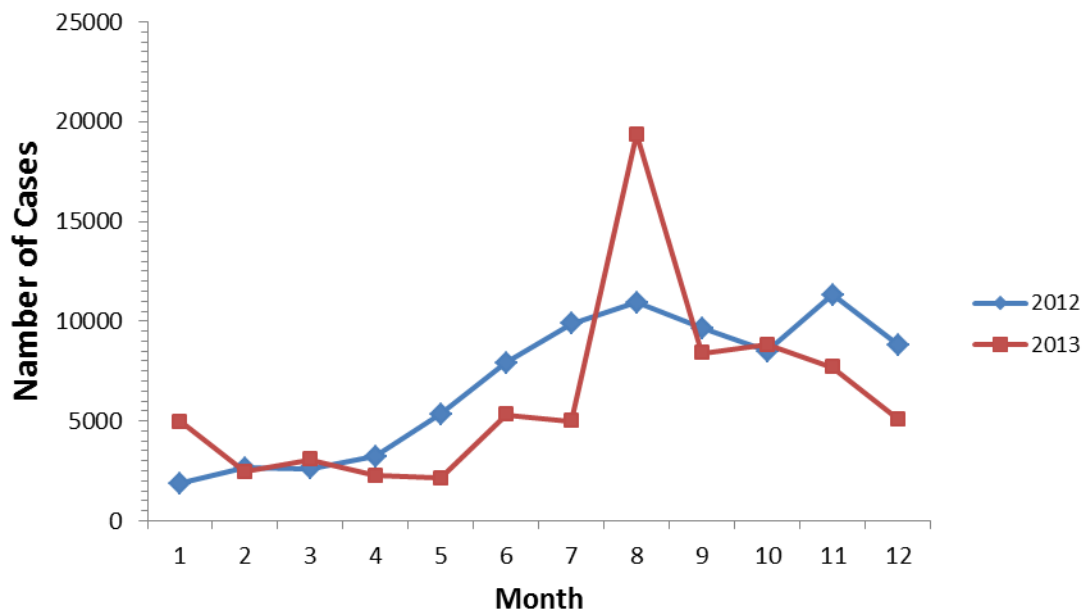
(Source: National Center for Laboratory and Epidemiology, Ministry of Health)
 Malaysia up to 12 January 2014 (Source: Ministry of Health)

Dengue in Singapore, 2011-2014



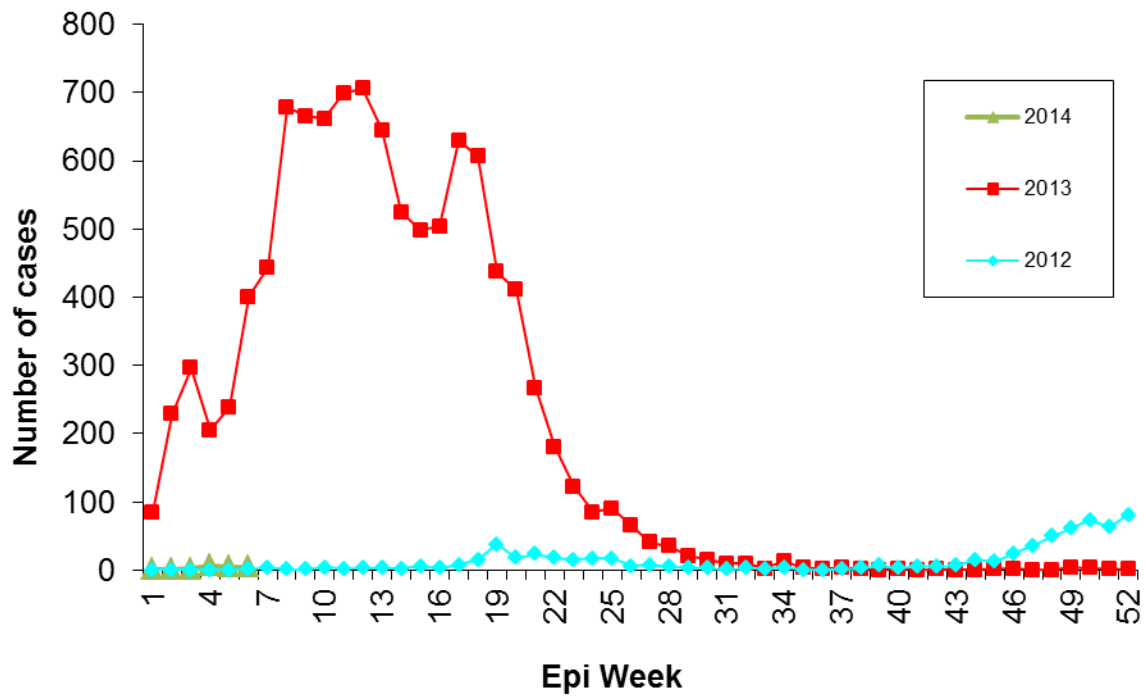
Singapore up to 1 February in 2014 (Source: Ministry of Health)

Dengue in Viet Nam, 2012-2013



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

Dengue in NEC, 2012-2014



New Caledonia as of 7 February in 2014
(Source: Pacific Public Health Surveillance Network)