

World Health Organization- Regional Office for South East Asia Region

SEARO Dengue Situation Update, 24 September 2012

Dengue continues to be major public health concerns in the region. Only in 3 countries have the number of reported cases declining from 2011 to 2012 (Maldives, Nepal and Thailand), while India, Indonesia, Myanmar, Sri Lanka and Timor Leste on the opposite, have reported more cases in 2012 (during the same reporting period).

Table 1 Cumulative reported number of dengue cases in 2012 till August in comparison to the same period in 2011. Note: Bangladesh and Bhutan data is not available for 2012.

Countries	Number of reported cases			
	Trend	2012	2011	Ratio 2012/2011
Bangladesh		<i>Yet to be received</i>	1362	
Bhutan		<i>Yet to be received</i>	712	
India	↑	11465	4186	2.7
Indonesia	↑	45964	35703	1.3
Maldives	↓	751	2909	0.3
Myanmar	↑	5060	3016	1.7
Nepal	↓	21	59	0.4
Sri Lanka	↑	29835	17235	1.7
Thailand	↓	27573	34744	0.8
Timor Leste	↑	928	352	2.6
Total		121597	100278	

*The table is based on the number of reported cases. 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 period for each respected year.

India: 11465 cases reported in 2012. with 83 deaths (CFR 0,7%) compared to 55 deaths (CFR 1,3%) in the corresponding period of 2011. Most cases in 2012 are reported from southern states and West Bengal.

Indonesia: 408 deaths in 2012 compared to 255 deaths in 2011, with CFR 0,86% and 0,80%, respectively. CFR remains the same as number of cases in 2012 is higher than the previous year.

Maldives: So far 1 death reported in 2012 (CFR 0,13%), while in 2011 with an outbreak 14 deaths reported (CFR 0,41%).

Nepal continues to harbor very few cases (<100) and low activity.

Sri Lanka: number of cases is higher this year and interventions are taking place (aerial spraying, case management). 85 deaths have been reported (CFR 0,28%) against 0,7% in 2011. Molecular surveillance is ongoing, with DENV-1 found as the most common serotype.

Thailand: Up to 31 July 2012 the trend has been decreasing (CFR in 2011 and 2011 are 0,1% and 0,07%, respectively) compared to the same period in 2011. August 2012, however, shoed a sharp increase with 9014 cases and 42 deaths (0,47% CFR).

Timor Leste: in 2012, outbreak of dengue occurred in 5 out of 13 districts (Dili, Manatuto, Baucau, Viqueque, Liquica) with Dili and Manatuto reporting most cases, while Viqueque and Liquica where normally reports <5 cases have seen 5-10 times increase.

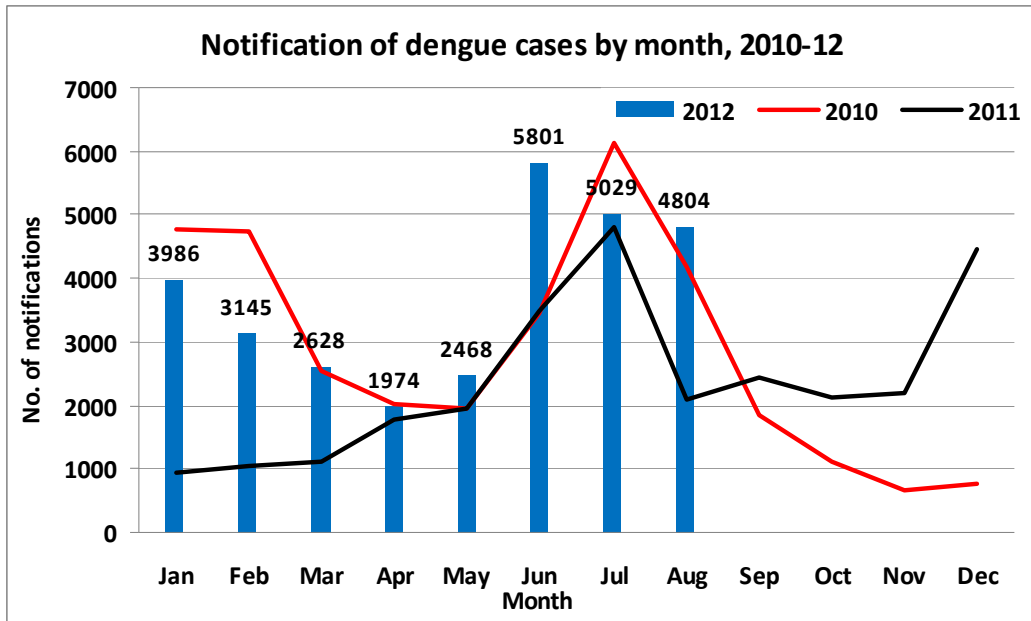
Below is the cumulative table reporting number of cases in 2010 and 2011.

Table 2. Reported number of dengue cases in 2010 and 2011

Countries	Trend	Number of reported cases		Ratio 2011/2010
		2010	2011	
Bangladesh	↑	409	1362	3.3
Bhutan	↓	887	712	0.8
India	↓	28292	17744	0.6
Indonesia	↓	155777	58065	0.4
Maldives	↑	740	2909	3.9
Myanmar	↓	16318	4738	0.3
Nepal	↓	917	79	0.1
Sri Lanka	↓	34105	27162	0.8
Thailand	↓	116947	64374	0.6
Timor Leste	↓	745	358	0.5
Total		355137	177503	

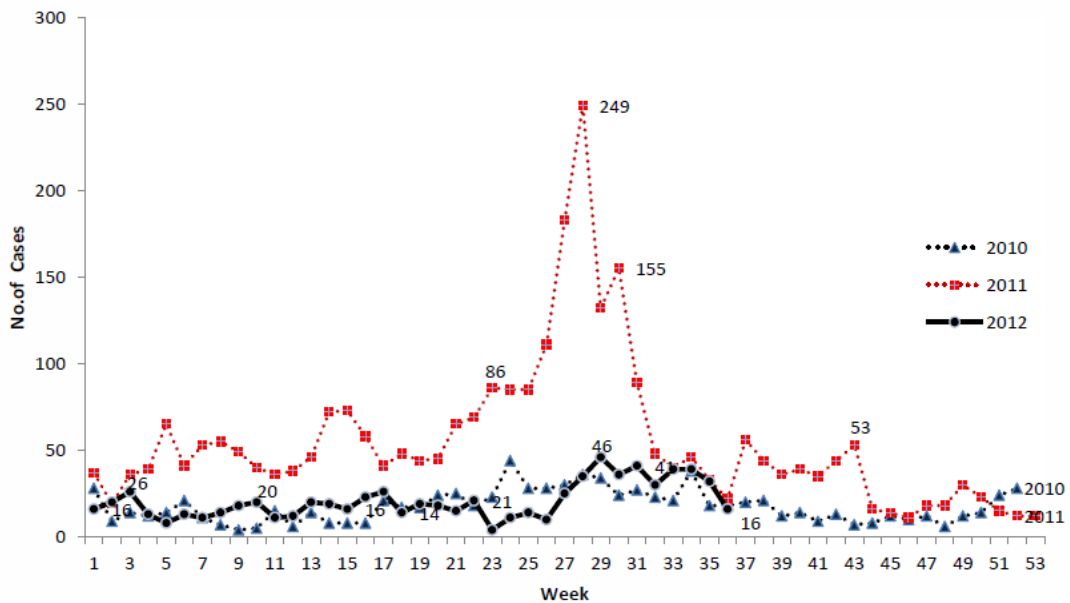
Overall the total reported number of cases decreased in 2011, with only Maldives and Bangladesh reported an increase of cases.

Figure 1. Notification of Dengue Cases in Sri Lanka by month, 2010-2012



Source: MoH

Figure 2. Weekly trends of reported dengue cases in Maldives, 2010 to 2012 (up to week 36: 2-8 September)



Source: Centre for Community Health and Disease Control, Epidemiology and Surveillance Unit, MoH