

## **DENGUE/DHF UPDATE 2012 (05)**

A ProMED-mail post

<<http://www.promedmail.org>>

ProMED-mail is a program of the

International Society for Infectious Diseases <<http://www.isid.org>>

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Suriname

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[1] Worldwide

Date: Wed 25 Jan 2012

Source: UPI (United Press International) [edited]

<[http://www.upi.com/Health\\_News/2012/01/26/Dengue-fever-threatens-25-billion-people/UPI-70801327555698/](http://www.upi.com/Health_News/2012/01/26/Dengue-fever-threatens-25-billion-people/UPI-70801327555698/)>

Dengue fever, a mosquito-borne viral disease, threatens about 2.5 billion people -- more than 40 percent of the world's population -- a UN report said.

The UN's World Health Organization said in its latest report the disease -- which in its severest form is a leading cause of serious illness and death among children in some Asian and Latin American countries -- is endemic in more than 100 countries. The disease was endemic only in 9 countries in the 1970s.

"The incidence of dengue has grown dramatically around the world in recent decades," the report said.

The agency said it estimates there may be 50 million to 100 million dengue fever cases worldwide every year.

The infection, which causes flu-like illness and occasionally develops into a potentially lethal complication called severe dengue, is transmitted to humans by infected female vector mosquitoes. After virus incubation for as much as 10 days, an infected mosquito is capable of transmitting the virus for the rest of its life.

There is no specific treatment, but early detection and access to proper medical care lowers fatality rates below 1 percent. The only way to prevent the transmission of the dengue fever virus is to control mosquitoes that carry the disease.

"Not only is the number of cases increasing as the disease spreads to new areas, but explosive outbreaks are occurring," the report said, adding the threat of a possible outbreak of dengue fever exists in Europe.

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Communicated by:  
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[The population at risk of dengue is huge. There are several vaccines to all 4 virus serotypes currently under various stages of development and clinical trials. Certainly, the potential market for commercial vaccines is large. The challenge will be providing vaccine at a cost that developing countries, where most of the dengue cases occur, can afford.

An interactive CDC/HealthMap showing the geographic distribution of dengue can be accessed at <<http://www.healthmap.org/dengue/index.php>>.

- Mod.TY]

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[2] Cases in various countries:

Asia

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- Sri Lanka. 29 Jan 2012. This year [2012] as of 26 Jan, there have been 8 deaths and 2449 cases of dengue. In 2011, there were 28 140 cases of dengue of which 185 people died. Of this number, 55.9 percent of incidents were reported from the Western Province.

<<http://www.thesundayleader.lk/2012/01/29/dengue-sri-lankas-death-trap/>>

[A HealthMap/ProMED-mail interactive map showing of Sri Lanka can be accessed at <<http://healthmap.org/r/1sbj>>. - Mod.TY]

- Malaysia. 28 Jan 2012. A total of 459 cases of dengue fever, with 2 deaths, were reported during the week between 15-21 Jan [2012], a drop of 22 cases with one death from the previous week, Health Director-General Datuk Seri Dr Hasan Abdul Rahman said today [27 Jan 2012]. However, he said, the number of fatalities due to dengue showed an increase with 4 people so far

this year, from only one during the corresponding period last year [2011]. He said the states which showed an increase in dengue cases were the Federal Territory and Putrajaya. He said a total of 1308 dengue cases had been reported during the 1st 3 weeks of this year, compared with 1591 cases during the corresponding period last year [2011]. <<http://www.mysinchew.com/node/69469>>

[A HealthMap/ProMED-mail interactive map of Malaysia can be accessed at <<http://healthmap.org/r/1n11>>. - Mod.TY]

- Philippines (Zamboanga city, Zamboanga del Sur province, Mindanao Island). 25 Jan 2012. Cases of dengue ascended to 57 for the past 22 days announced City Health Office (CHO) here. City Health Officer Rodelin Agbulos said though the figure is lower compared to 70 dengue cases recorded same month, last year [2011], the public should not be complacent as far as cleanliness is concerned. ["Cleanliness" in this case means keeping the house, both inside and the surroundings, free of rubbish which can hold water in which dengue-carrying mosquitoes can breed. - Mod.JW] <<http://www.pia.gov.ph/?m=1&t=1&id=73832>>

[A HealthMap/ProMED-mail interactive map showing the location of Zamboanga city, in Mindanao Island can be accessed at <<http://healthmap.org/r/1HUd>>. - Mod.TY]

#### Latin America

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- Suriname. 25 Jan 2012. "Up to now more than 300 dengue cases have been registered at the Academic hospital lab, while other labs also confirm cases," the health ministry said in a press release. With the dengue outbreak now a month old, health authorities said they believe cases of the mosquito-borne disease are peaking. Due to overcrowding in hospitals, patients were being treated in the army's health facilities. <<http://medicalxpress.com/news/2012-01-suriname-dengue-epidemic-health-ministry.html>>

[A HealthMap/ProMED-mail interactive map of Suriname can be accessed at <<http://healthmap.org/r/1GZ2>>. - Mod.TY]

- Brazil (Araraquara, Sao Paulo state). 28 Jan 2012. Araraquara officially registered its 1st dengue case on Friday 27 Jan 2012. The city has registered a household [\_Aedes aegypti\_] larval index of 4.8, greater than the WHO ideal limit of 1.0. The index in the Bueno de Andrade district reached 14.6. <<http://eptv.globo.com/araraquara/noticias/NOT,3,7,390782,Infestacao+5+vezes+maior+que+o+ideal+aumenta+risco+de+epidemia+em+Araraquara.aspx>> [in Portuguese, trans. Mod.TY]

[A HealthMap/ProMED-mail interactive map showing the location of Araraquara in Sao Paulo state can be accessed at <<http://healthmap.org/r/1iSL>>. - Mod.TY]

- Brazil (Sorocaba, Sao Paulo state ex Acre state). 27 Jan 2012. Sorocaba has registered its 1st dengue case in 2012. The individual lives in Jardim Santo Andre, and contracted the disease [virus infection] in Acre, making it a case imported from elsewhere.

<<http://g1.globo.com/sao-paulo/sorocaba-jundiai/noticia/2012/01/com-caso-de-dengue-confirmado-sorocaba-sp-reforca-combate.html>>

[in Portuguese, trans. Mod.TY]

[A HealthMap/ProMED-mail interactive map showing the location of Sorocaba in Sao Paulo state and Acre state in northwest Brazil can be accessed at <<http://healthmap.org/r/1HUe>>. - Mod.TY]

- Brazil (Rio Grande do Norte state). 26 Jan 2012. The Central Laboratory Dr Almino Fernandes/LACEN confirmed 2 dengue cases caused by dengue virus type 4, one in the Alexandria municipality and one in the Guamare municipality. The [laboratory] diagnosis was done by virus isolation in C6/36 cells (the gold standard).

<<http://tribunadonorte.com.br/noticia/quarenta-municipios-do-rn-apresentam-risco-muito-alto-para-epidemia-de-dengue-em-2012/210147>>

[in Portuguese, trans. Mod.TY]

[A HealthMap/ProMED-mail interactive map showing the location of Rio Grande do Norte state can be accessed at <[http://healthmap.org/r/1E\\_u](http://healthmap.org/r/1E_u)>. - Mod.TY]

- Brazil (Pernambuco state). 26 Jan 2012. The current stage of spread of dengue was confirmed this week by the Pernambuco Secretariat of Health, indicating that since the beginning of the year [2012], 95 suspected dengue cases have been counted in the Exu municipality, which has 32 423 inhabitants. Besides Exu, the Afogados da Ingazeira municipality has registered 38 dengue cases. In the entire state 534 suspected cases of the disease were registered in the 1st 2 weeks of January [2012]. That number is 35.8 percent less than in the same period of 2011.

<<http://jconline.ne10.uol.com.br/canal/cidades/saude/noticia/2012/01/26/exu-vive-surto-de-dengue-29875.php>>

[in Portuguese, trans. Mod.TY]

[A HealthMap/ProMED-mail interactive map showing the location of Pernambuco state can be accessed at <<http://healthmap.org/r/1I03>>. - Mod.TY]

- Brazil (Rio de Janeiro municipality and state). 24 Jan 2012. Today, the Secretariat of Health and Civil Defense of Rio presented the total of dengue in the municipality, 6 new dengue cases registered in the last week, totaling 532 reported cases this year [2012]. There have been no deaths in the city since August of last year [2011]. The state Secretariat of Health stated that the total suspected dengue cases in the state [for 2012] is 1270. The Secretariat restated that dengue virus type 4 is present within the metropolitan region of the Niteroi municipality.

<<http://agenciabrasil.ebc.com.br/noticia/2012-01-24/rio-tem-mais-baixo-indice-de-infestacao-do-aedes-aegypti-desde-2005-mas-risco-de-epidemia-de-dengue-c>>

[in Portuguese, trans. Mod.TY]

[A HealthMap/ProMED-mail interactive map showing the location of Rio de Janeiro municipality, Rio de Janeiro state can be accessed at <<http://healthmap.org/r/1pW>>. - Mod.TY]

- Paraguay. 28 Jan 2012. Up to now, 36 confirmed dengue cases have been reported in Paraguay. There are a total of 453 reports, of which 36 were confirmed, 54 were discarded, and 363 are registered as suspicious. Asuncion and nearby cities have the majority of registered dengue [cases] with 57.4 percent.

<<http://espanol.upi.com/Noticias-destacadas/2012/01/28/Paraguay-registra-39-casos-de-dengue-y-la-enfermedad-avanza/UPI-76841327727580/>>

[in Spanish, trans. Mod.TY]

[A HealthMap/ProMED-mail interactive map of Paraguay can be accessed at

<<http://healthmap.org/r/1I6p>>. - Mod.TY]

- Peru (Pucallpa, Coronel Portillo Province, Ucayali region). 27 Jan 2012. An outbreak of dengue virus type 2 is affecting the urban areas of Pucallpa, capital of Ucayali region. Cases have been reported since November 2011 but they have increased over the last weeks. As of yesterday [26 Jan 2011], 1753 individuals with dengue symptoms have been attended to. Also, 3 people died because they did not go to a medical center in time.

<[http://elcomercio.pe/peru/1366363/noticia-brote-dengue-afecta-zonas-urbanas-pucallpa\\_1](http://elcomercio.pe/peru/1366363/noticia-brote-dengue-afecta-zonas-urbanas-pucallpa_1)>

[in Spanish, trans. Mod.TY]

[The 25 Jan 2012 edition of Peru This Week

(<<http://www.peruthisweek.com/news-1443-Peruvian-region-placed-under-emergency-after-dengue-outbreak/>>)

stated that the region of Ucayali has been placed under a 60-day state of emergency, after the region's epidemiology agency found increasing cases of the dengue virus. The Ucayali Regional Health Board reported

3 deaths, and 50 000 cases of the dengue virus since October 2011.

[A HealthMap/ProMED map showing the location of Pucallpa, Ucayali region, can be accessed at <<http://healthmap.org/r/1HU7>>. - Mod.TY]

- Cuba (Santa Clara municipality, Villa Clara province). 26 Jan 2012.

[Residents of Santa Clara] and surrounding municipalities are affected by the increasing number of dengue [virus] infections, according to a complaint by the independent journalist Yesmy Elena Mena Zurbano. She stated that there are 300 adults and 3 children hospitalized.

<<http://www.martinoticias.com/noticias/Aumentan-los-brotes-de-dengue-en-Cuba-138117543.html>>

[in Spanish, trans. Mod.TY]

[This is an unofficial report from a dissident news source, so interpretation must be made with some caution.

A HealthMap/ProMED map showing the location of Santa Clara, Villa Clara province can be accessed at <<http://healthmap.org/r/1I6r>>. - Mod.TY]

- Mexico (Yucatan, Campeche, Quintana Roo states). 25 Jan 2012. For the 1st time this year [2012], dengue presented a 386 percent increase in cases in just in one week. The data offered by

the Federal Health Department ranks Yucatan in 1st place nationwide with 316 confirmed cases of dengue, which is 86 percent of the total cases in the country, where 3 out of 4 are from Yucatan. Last year [2011], Yucatan had just 14 cases during the same period. There are just 12 cases of dengue in Quintana Roo and 22 in Campeche. Fortunately, no one has died so far. <http://www.theyucatantimes.com/2012/01/new-record-in-dengue-cases-total-silence-from-health-department-ssy/>

[A HealthMap/ProMED map of Mexico can be accessed at <http://healthmap.org/r/118>-. - Mod.TY]