

WESTERN PACIFIC REGIONAL ACTION PLAN for

# Dengue Prevention and Control (2016)





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## for Dengue Prevention and Control (2016)

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ISBN 978 92 9061 825 6

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*Suggested citation.* Western Pacific regional action plan for dengue prevention and control [2016]. Manila, Philippines. World Health Organization Regional Office for the Western Pacific; 2017. Licence: CC BY-NC-SA 3.0 IGO.

*Cataloguing-in-Publication (CIP) data.* 1. Dengue – prevention and control. 2. Regional health planning. I. World Health Organization Regional Office for the Western Pacific. (NLM Classification: WC528).

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# ABBREVIATIONS

<b>APSED</b>	Asia Pacific Strategy for Emerging Diseases
<b>EBS</b>	event-based surveillance
<b>IADTF</b>	Inter-Agency Dengue Task Force
<b>IBS</b>	indicator-based surveillance
<b>IVM</b>	integrated vector management
<b>KPI</b>	key performance indicator
<b>M&amp;E</b>	monitoring and evaluation
<b>RAP</b>	Regional Action Plan
<b>VCAG</b>	Vector Control Advisory Group (WHO)



# FOREWORD

The global incidence of dengue has grown dramatically in recent decades. In the Western Pacific Region, the number of reported dengue cases has more than doubled from about 200 000 in 2008 to over 450 000 in 2015. Prompted by concern over the increasing dengue incidence in the Region and the presence of other arboviral infections, Member States requested a new regional action plan for dengue at the sixty-fifth session of the WHO Regional Committee in 2014, in light of the impending end of the *Dengue Strategic Plan for the Asia Pacific Region 2008–2015*.

The *Dengue Strategic Plan for the Asia Pacific Region 2008–2015* guided Member States in strengthening national capacities for surveillance, clinical management, early detection, preparedness and response to outbreaks and vector control. Although the reported incidence of dengue doubled during that time, partly due to strengthened diagnostic capacities, the regional case fatality rate was halved from 2008 to 2014. These trends indicate that while the Region has been largely unsuccessful in containing dengue, it has nonetheless made progress in dengue detection, assessment and management.

The WHO Regional Office for the Western Pacific facilitated the development of the *Western Pacific Regional Action Plan for Dengue Prevention and Control (2016)* in consultation with dengue experts, country programme managers and Member States.

The goal of the *Western Pacific Regional Action Plan for Dengue Prevention and Control (2016)* is to reduce the health impact of dengue by further reducing case fatality rates and strengthening evidence for action on dengue. The plan recommends a switch in strategy from outbreak containment to reducing the impact of dengue on communities. The recent emergence of Zika virus disease and chikungunya in the Region further supports the need to strengthen the response to dengue and other diseases transmitted by *Aedes* mosquitoes. The plan recommends proactive and sustainable implementation of *Aedes* mosquito-control measures in collaboration with sectors beyond the health sector, and the early implementation of new technologies.

Based largely on the *Global Strategy for Dengue Prevention and Control, 2012–2020*, the regional action plan embraces six enabling factors and five technical elements to strengthen diagnostics and case management, surveillance, risk assessment and outbreak preparedness, implement sustainable vector management, increase attention to community engagement and risk communication and consolidate implementation research and early adoption of emerging technologies.

By working together with ministries of health, national control programmes, research and donor organizations, and other stakeholders, we are hopeful that significant progress can be made to reduce the health impact of dengue in the Western Pacific Region.



Shin Young-soo, MD, Ph.D.  
Regional Director

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