Overlapping global distribution of nine major vector-borne diseases, 2016

The map shows the number of overlapping vector-borne diseases in different regions of the world in 2016. The colors indicate the number of diseases present: blue for 9 diseases, green for 8, yellow for 7, brown for 6, gray for 5, black for 4, blue-green for 3, purple for 2, and red for 1. Areas shaded in white are not applicable.

However, countries are indicated as a whole and do not represent that a single disease is present in all parts of a country or that a village is affected, or the density of the disease. Major vector-borne diseases include malaria, lymphatic filariasis, dengue, leishmaniasis, Japanese encephalitis, yellow fever, Chagas disease, human African trypanosomiasis, and onchocerciasis.

The boundaries and names used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers and boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

Data Source: Catherine Moyes (University of Oxford) based on the data and methods outlined in Golding, Wilson, Moyes et al. BMC Med. 2015; 13:249.

Map Production: Global Malaria Programme (GMP) and Department of Control of Neglected Tropical Diseases (NTD), World Health Organization

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