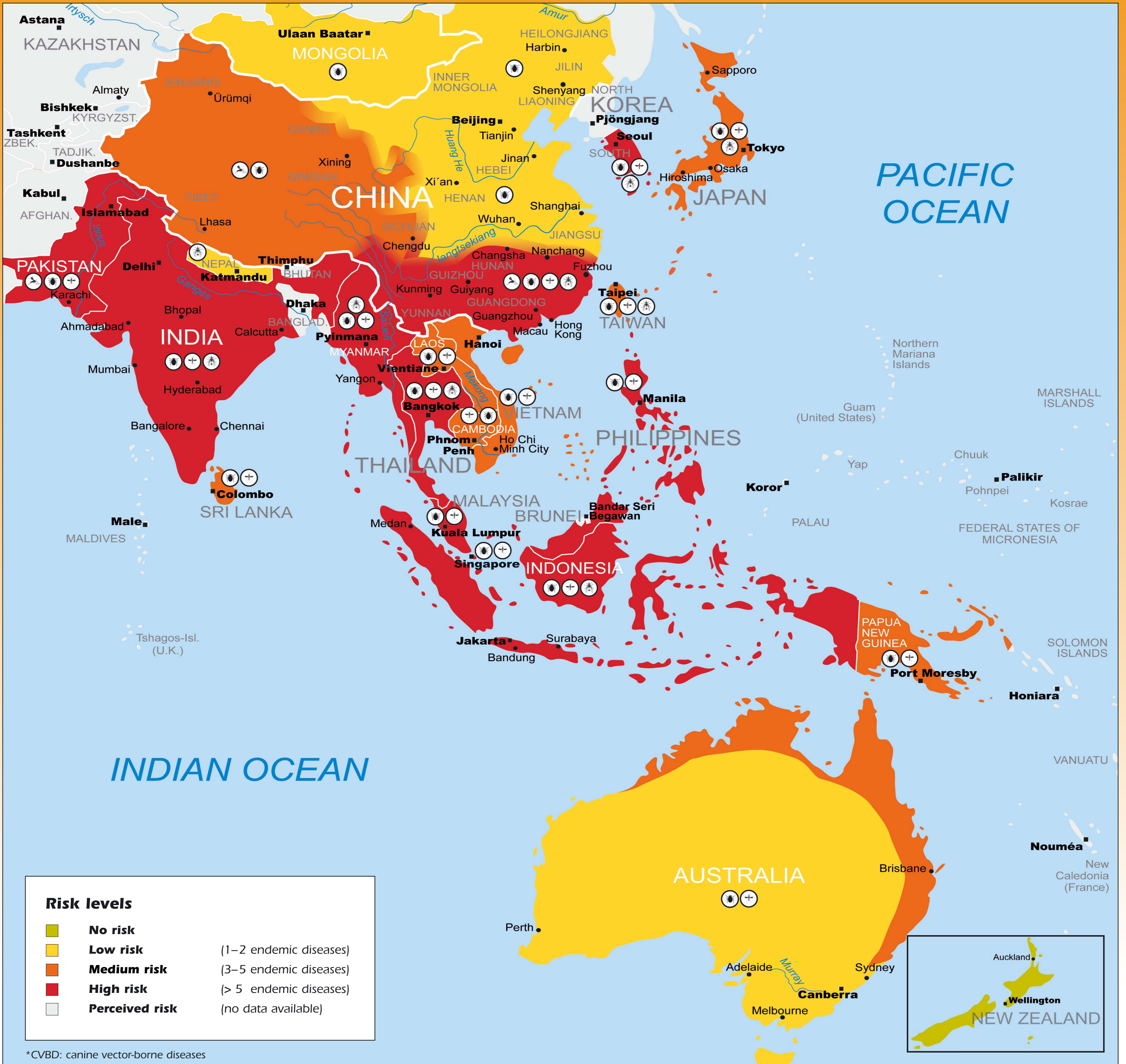


CVBD* Occurrence Map: Parasite-transmitted Infectious Diseases of Dogs in Asia-Pacific



Country-specific risks of diseases as reported*

Australia Anaplasmosis Babesiosis Heartworm Disease	Indonesia Anaplasmosis Babesiosis Ehrlichiosis Heartworm Disease Hepatozoonosis	Pakistan Anaplasmosis Babesiosis Ehrlichiosis Heartworm Disease Hepatozoonosis Leishmaniosis Lyme Borreliosis	Sri Lanka Anaplasmosis Babesiosis Ehrlichiosis sc. Dirofilariosis
Cambodia Babesiosis Ehrlichiosis Heartworm Disease sc. Dirofilariosis	Japan Babesiosis Heartworm Disease Hepatozoonosis Lyme Borreliosis Thelaziosis	Papua New Guinea Anaplasmosis Babesiosis Ehrlichiosis Hepatozoonosis sc. Dirofilariosis	Taiwan Anaplasmosis Babesiosis Ehrlichiosis Heartworm Disease Hepatozoonosis Thelaziosis
China (West) Anaplasmosis Ehrlichiosis Leishmaniosis Lyme Borreliosis	Laos Babesiosis Ehrlichiosis Heartworm Disease Hepatozoonosis sc. Dirofilariosis	Philippines Anaplasmosis Babesiosis Ehrlichiosis Heartworm Disease Hepatozoonosis sc. Dirofilariosis	Thailand Anaplasmosis Babesiosis Ehrlichiosis Heartworm Disease Hepatozoonosis Thelaziosis
China (North) Anaplasmosis Lyme Borreliosis	Malaysia Anaplasmosis Babesiosis Ehrlichiosis Heartworm Disease Hepatozoonosis sc. Dirofilariosis	Singapore Anaplasmosis Babesiosis Ehrlichiosis Heartworm Disease Hepatozoonosis sc. Dirofilariosis	Vietnam Babesiosis Ehrlichiosis Heartworm Disease Hepatozoonosis sc. Dirofilariosis
China (South) Anaplasmosis Ehrlichiosis Heartworm Disease Leishmaniosis sc. Dirofilariosis Thelaziosis	Mongolia Lyme Borreliosis	South Korea Anaplasmosis Babesiosis Ehrlichiosis Heartworm Disease Leishmaniosis Lyme Borreliosis sc. Dirofilariosis Thelaziosis	
China (Central) Anaplasmosis Babesiosis	Myanmar Anaplasmosis Babesiosis Ehrlichiosis Hepatozoonosis sc. Dirofilariosis Thelaziosis	Nepal Trypanosomosis	
India Anaplasmosis Babesiosis Ehrlichiosis Heartworm Disease Hepatozoonosis sc. Dirofilariosis Thelaziosis Trypanosomosis			

* Reference:
 Data summarized from publications in peer-reviewed journals (references available upon request).

Canine vector-borne diseases and their transmitting parasites

	Anaplasmosis	<i>Anaplasma phagocytophilum</i>	Hard ticks (<i>Ixodes</i> spp.) e.g. Taiga tick (<i>Ixodes persulcatus</i>)
	Babesiosis	<i>A. platys</i> <i>Babesia gibsoni</i> <i>B. canis</i>	Brown Dog tick (<i>Rhipicephalus sanguineus</i>) Bush tick (<i>Haemaphysalis longicornis</i>) Brown Dog tick
	Ehrlichiosis	<i>Ehrlichia canis</i> <i>E. chaffeensis</i>	Brown Dog tick
	Hepatozoonosis	<i>Hepatozoon canis</i>	{ Brown Dog tick Bush tick
	Lyme Borreliosis	<i>Borrelia burgdorferi</i> s.l.	Hard ticks e.g. Taiga tick
	Leishmaniosis	<i>Leishmania infantum</i>	Sand flies (<i>Phlebotomus</i> spp.)
	Heartworm Disease	<i>Dirofilaria immitis</i>	Mosquitoes (<i>Aedes</i> , <i>Culex</i> , <i>Anopheles</i> spp.)
	Subcutaneous Dirofilariosis	<i>Dirofilaria repens</i>	Mosquitoes (<i>Aedes</i> , <i>Culex</i> , <i>Anopheles</i> spp.)
	Thelaziosis	<i>Thelazia callipaeda</i>	Fruit flies (Drosophilidae)
	Trypanosomosis	<i>Trypanosoma</i> spp.	Biting flies (Tabanidae)
	(Not shown in map)		Ubiquitary distribution, vector of various diseases; not included in assessment for risk levels.

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For further information: www.cvbd.org

