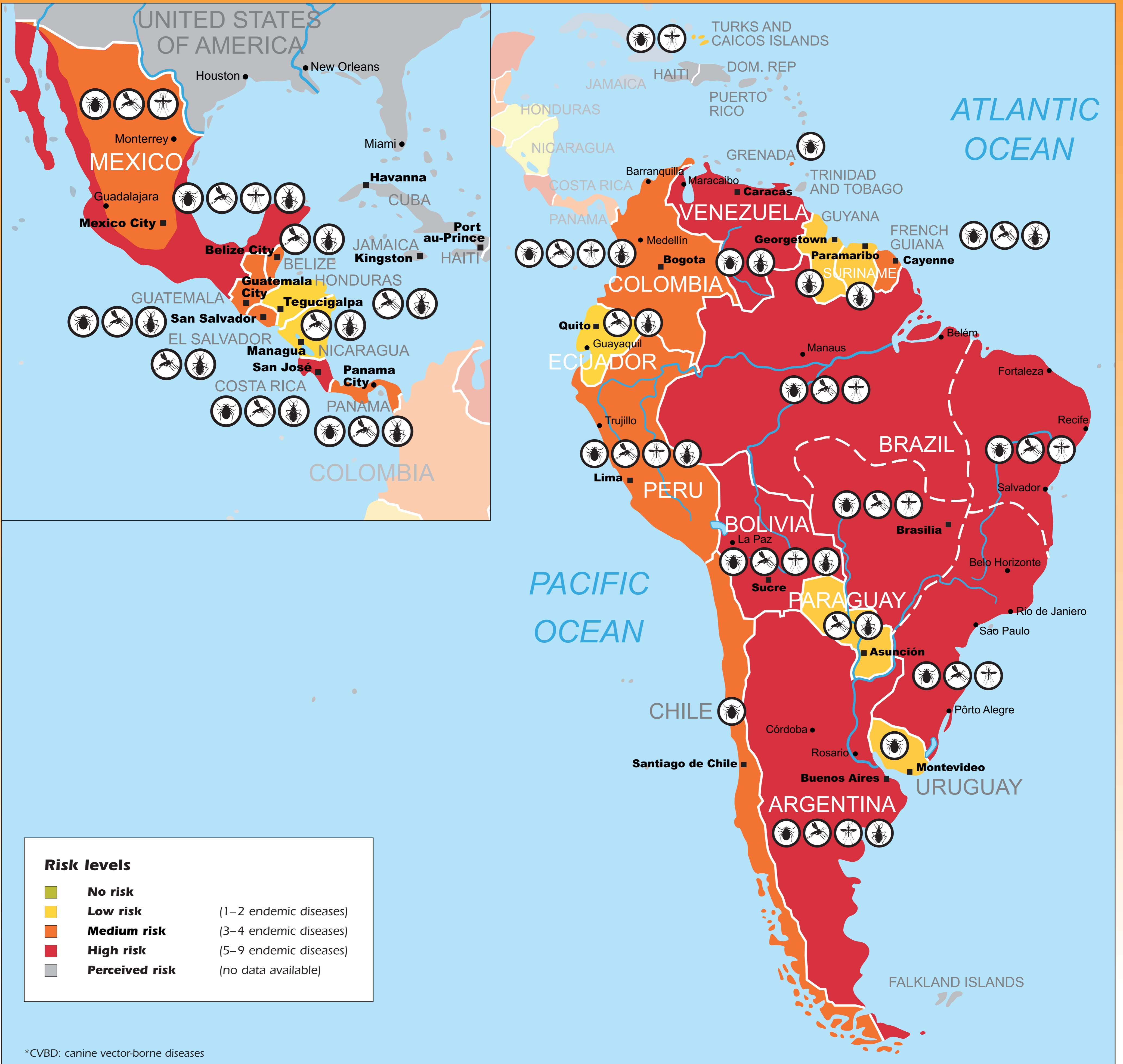


# CVBD\* Risk Map: Parasite-transmitted Infectious Diseases of Dogs in Latin America



Risk levels	
<span style="color: green;">■</span>	<b>No risk</b>
<span style="color: yellow;">■</span>	<b>Low risk</b> (1–2 endemic diseases)
<span style="color: orange;">■</span>	<b>Medium risk</b> (3–4 endemic diseases)
<span style="color: red;">■</span>	<b>High risk</b> (5–9 endemic diseases)
<span style="color: grey;">■</span>	<b>Perceived risk</b> (no data available)

\*CVBD: canine vector-borne diseases

## Country-specific risks of diseases as reported\*

<p><b>Argentina</b> Babesiosis Chagas Disease Heartworm Disease Hepatozoonosis Leishmaniosis Rickettsiosis</p> <p><b>Belize</b> Chagas Disease Heartworm Disease Leishmaniosis Rickettsiosis</p> <p><b>Bolivia</b> Chagas Disease Ehrlichiosis Heartworm Disease Leishmaniosis Rickettsiosis</p> <p><b>Brazil (North)</b> Babesiosis Ehrlichiosis Heartworm Disease Leishmaniosis Rickettsiosis</p> <p><b>Brazil (Northeast)</b> Babesiosis Ehrlichiosis Heartworm Disease Leishmaniosis Rickettsiosis</p> <p><b>Brazil (Central West)</b> Babesiosis Ehrlichiosis Heartworm Disease Hepatozoonosis Leishmaniosis Rickettsiosis</p>	<p><b>Brazil (South and Southeast)</b> Babesiosis Ehrlichiosis Heartworm Disease Hepatozoonosis Leishmaniosis Lyme Borreliosis Rickettsiosis</p> <p><b>Chile</b> Anaplasmosis Ehrlichiosis Rickettsiosis</p> <p><b>Colombia</b> Chagas Disease Heartworm Disease Leishmaniosis Rickettsiosis</p> <p><b>Costa Rica</b> Chagas Disease Ehrlichiosis Heartworm Disease Leishmaniosis Rickettsiosis</p> <p><b>Ecuador</b> Chagas Disease Leishmaniosis</p> <p><b>El Salvador</b> Chagas Disease Heartworm Disease Leishmaniosis</p> <p><b>French Guiana</b> Anaplasmosis Chagas Disease Leishmaniosis</p>	<p><b>Grenada</b> Anaplasmosis Babesiosis Ehrlichiosis Hepatozoonosis</p> <p><b>Guatemala</b> Anaplasmosis Chagas Disease Leishmaniosis</p> <p><b>Guyana</b> Chagas Disease</p> <p><b>Honduras</b> Chagas Disease Leishmaniosis</p> <p><b>Mexico (Central Highlands)</b> Heartworm Disease Leishmaniosis Lyme Borreliosis Rickettsiosis</p> <p><b>Mexico (Coastal and South)</b> Chagas Disease Ehrlichiosis Heartworm Disease Leishmaniosis Rickettsiosis</p> <p><b>Nicaragua</b> Chagas Disease Leishmaniosis</p> <p><b>Panama</b> Chagas Disease Leishmaniosis Rickettsiosis</p>	<p><b>Paraguay</b> Chagas Disease Leishmaniosis</p> <p><b>Peru</b> Chagas Disease Ehrlichiosis Heartworm Disease Leishmaniosis</p> <p><b>Suriname</b> Chagas Disease</p> <p><b>Turks and Caicos Islands</b> Ehrlichiosis Heartworm Disease</p> <p><b>Uruguay</b> Rickettsiosis</p> <p><b>Venezuela</b> Anaplasmosis Babesiosis Chagas Disease Ehrlichiosis Hepatozoonosis</p>
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\*Reference: Data summarized from publications in peer-reviewed journals (references available upon request).

## Canine vector-borne diseases and their transmitting parasites

	<p>Anaplasmosis Babesiosis Ehrlichiosis Hepatozoonosis Lyme Borreliosis Rickettsiosis</p>	<p><i>Anaplasma phagocytophilum</i> <i>A. platys</i> <i>Babesia canis</i> <i>B. gibsoni</i> <i>Ehrlichia canis</i> <i>E. chaffeensis</i> <i>Hepatozoon canis</i> <i>Borrelia burgdorferi</i> s.l. <i>Rickettsia rickettsii</i> <i>R. parkeri</i></p>	<p>Cayenne tick (<i>Amblyomma cajennense</i>) Brown Dog tick (<i>Rhipicephalus sanguineus</i>) Brown Dog tick Brown Dog tick Cayenne tick Brown Dog tick Deer tick (<i>Ixodes scapularis</i>) Cayenne tick Gulf Coast tick (<i>Amblyomma maculatum</i>)</p>
	Leishmaniosis	<i>Leishmania infantum</i> resp. <i>chagasi</i> <i>L. braziliensis</i> <i>L. mexicana</i>	Sand flies ( <i>Lutzomyia</i> spp.)
	Heartworm Disease	<i>Dirofilaria immitis</i>	Mosquitoes ( <i>Aedes</i> , <i>Culex</i> , <i>Anopheles</i> spp.)
	Chagas Disease	<i>Trypanosoma cruzi</i>	Kissing bug ( <i>Triatomina infestans</i> , <i>T. dimidata</i> )
	(Not shown in map) Ubiquitous distribution, vector of various diseases; not included in assessment for risk levels.		

## With scientific advice from the CVBD World Forum

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