

## COUNTRIES WITH A RISK OF MALARIA

Malaria is a parasitic infection transmitted by the bite of a certain type of mosquito. In extremely rare cases people can get malaria from coming in contact with infected blood. This disease affects millions of people each year and can be found in nearly 90 countries worldwide. Though travelers to areas where malaria is present often take medicines before, during and after their trip, these medicines do not always work. In addition, it is important to note that a person can be infected and still remain symptom free. Currently, donated blood is not tested for malaria. Thus, it is very important that we question all donors as to **WHERE, WHEN** and **HOW** they traveled. Travelers to “at risk” areas are required to refrain from donating blood for specified periods in order to minimize the risk of transmitting malaria through a blood transfusion.

When questioning the donor about malarial travel, the following information is required:

- 1) The name of the country;
- 2) The specific region and/or city visited (if less than 12 months from date of departure **OR** if the specific area(s) visited is non-malarial);
- 3) The amount of time spent in the malarious country;
- 4) **Whether the donor traveled outside a non-malarial area of a malarious country** (if less than 12 months from date of return).
- 5) The date the donor left the malarious country.

**NOTE: If the name of the city or region in a specific country is not listed or is unclear after review of criteria, have the Person-in-Charge consult the Regional Collections manager or Special Donor & Community Health Services for clarification. If unable to obtain clarification, defer the donor for the length of time required for malarial travel. Explain to the donor that he/she is deferred. Give him/her the reason for deferral with instructions to call SDCHS the next business day. SDCHS can help determine the donor’s eligibility status and remove any deferral as appropriate.**

COUNTRY	MALARIA RISK	NOTE
Afghanistan	Yes	All areas at risk.
Albania	No	
Algeria	No	
Andorra	No	
Angola	Yes	All areas at risk.
Anguilla (U.K.)	No	
Antarctica	No	
Antigua and Barbuda	No	
Argentina	Yes	Rural areas of northern part of Salta province (along Bolivian border). No transmission at Iguazu Falls.
Armenia	No	
Aruba	No	
Austral Islands (Tubvai, Rurutu, Rimatara, Rapa)	No	
Australia, including Cocos (Keeling) Islands	No	

COUNTRY	MALARIA RISK	NOTE
Austria	No	
Azerbaijan	Yes	Risk in rural areas. No risk in Baku.
Azores (Portugal)	No	
Bahamas	No	
Bahrain	No	
Bangladesh	Yes	Risk in all areas except no risk in city of Dhaka.
Barbados	No	
Belarus	No	
Belgium	No	
Belize	Yes	Risk in the districts of Toledo, Stann Creek, and Cayo.  None in Belize City and islands frequented by tourists (Ambergis Cay, Cay Caulker, Drowned Cays, Glover's Reef, Half Moon Cay, Hick's Cays, Lighthouse Reef, Long Cay, Mauger Cay, Northern Cay, Ranguana Cay, Saint George's Cay, Sapokilla Cay, South Water Cay, Southern Long Cay, Turneffe Islands).
Benin (Dahomey)	Yes	All areas at risk.
Bermuda (U.K.)	No	
Bhutan	Yes	Risk in the southern belt of the districts bordering India: Chirang, Geylegphug, Samchi, Samdrup Jongkhar, and Shemgang.
Bolivia	Yes	Risk in all areas except no risk in the city of La Paz.
Bonaire	No	
Bosnia/Herzegovina	No	
Botswana	Yes	Risk in the following districts: Northwest, Chobe, Central, Northeast, and Ghanzi. None in the cities of Gabarone and Francistown.
Br. Honduras (see Belize)		
Brazil	Yes	Risk in States of Acre, Amapa, Amazonas, Mato Grosso, Para, Rondonia, Roraima, Tocantins, and the western part of Maranhao.  Risk in urban areas, including large cities such as Porto Velho, Boa Vista, Macapa, Manaus, Santarem, and Maraba.  No transmission at Iguazu Falls.
British Indian Ocean Territory (includes Diego Garcia) UK	No	
Brunei Darussalam	No	
Bulgaria	No	
Burkina Faso	Yes	All areas at risk.
Burma (see Myanmar)		
Burundi	Yes	All areas at risk.
Cambodia	Yes	Risk throughout the country <b>except</b> no risk at the temple complex at Angkor Wat, Phnom Penh, and around Lake Tonle Sap
Cameroon	Yes	All areas at risk.

COUNTRY	MALARIA RISK	NOTE
Canada	No	
Canary Islands (Spain)	No	
Cape Verde Islands	No	
Cayman Islands (U.K.)	No	
Central African Republic	Yes	All areas at risk.
Chad	Yes	All areas at risk.
Chile	No	
China	Yes	Rural parts of Anhui, Guizhow, Henan, Hubei, Yunnan and Hainan provinces. No risk in major river cruises and cities.
Christmas Island (Australia)	No	
Cocos (Keeling) Islands (Australia)	No	
Colombia	Yes	Risk in rural areas. No risk major urban areas .
Comoros	Yes	All areas at risk.
Congo (Republic of)	Yes	All areas at risk.
Congo (Democratic Republic of – formerly Zaire)	Yes	All areas at risk.
Cook Island (New Zealand)	No	
Costa Rica	Yes	Risk in Limon Province <b>except</b> no risk in Limon City (Puerto Limon).
Côte d'Ivoire (Ivory Coast)	Yes	All areas at risk.
Croatia	No	
Cuba	No	
Curacao	No	
Cyprus	No	
Czech Republic	No	
Dahomey (see Benin)		
Denmark	No	
Djibouti	Yes	All areas at risk.
Dominica	No	
Dominican Republic	Yes	Risk in all areas (including resort areas) except no risk in the cities of Santo Domingo and Santiago.
East Timor (Timor-Leste)	Yes	All areas at risk.
Easter Island (Chile)	No	

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Ecuador	Yes	No risk in Guayaquil, Quito and the Galapagos Islands. Risk in all other areas.
Egypt	No	
El Salvador	Yes	Risk in rural areas of Santa Ana, Ahuachapan, La Paz and La Union departments.
Equatorial Guinea	Yes	All areas at risk.
Eritrea	Yes	All areas at risk except in Asmara.
Estonia	No	
Ethiopia	Yes	All areas at risk except Addis Ababa.
Falkland Islands (U.K.)	No	
Faroe Islands (Denmark)	No	
Fiji	No	
Finland	No	
France	No	
French Guiana	Yes	Risk in all areas except in city of Cayenne and Devil's Island (Ile du Diable).
French Polynesia (includes Austral, Marquesas and Society Islands)	No	
Gabon	Yes	All areas at risk.
Gambia	Yes	All areas at risk.
Georgia	Yes	Risk in southeastern part of country near the Azerbaijan border, mainly in Kakheti and Kvemo Kartli regions. No risk in Tbilisi.
Germany	No	
Ghana	Yes	All areas at risk.
Gibraltar (U.K.)	No	
Gilbert Islands (see Kiribati)		
Greece	No	
Greenland (Denmark)	No	
Grenada	No	
Guadeloupe (France)	No	
Guam (U.S.)	No	
Guatemala	Yes	Risk in rural areas. No risk in Guatemala City, Antigua or Lake Atitlan.
Guinea	Yes	All areas at risk.
Guinea-Bissau	Yes	All areas at risk.
Guyana	Yes	Risk in all rural areas.
Haiti	Yes	All areas at risk.
Holy See	No	

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Honduras	Yes	Risk throughout the country and in Roatán and other Bay Islands. No risk in Tegucigalpa and San Pedro Sula.
Hong Kong (China)	No	
Hungary	No	
Iceland	No	
India	Yes	Risk in all areas
Indonesia	Yes	- Risk in rural areas of Sumatra, Sulawesi, Kalimantan (Borneo) and Nusa Tenggara Barat (including island of Lombok). - Risk in all areas of eastern Indonesia (provinces of Papua Indonesia, Irian Jaya Barat, Nusa Tenggara Timur, Maluku and Maluku Utara and in rural areas of Java. - No risk in Jakarta or resort areas of Bali.
Iran, Islamic Republic of	Yes	Risk in rural areas of Sistan-Baluchestan, the southern tropical part of Kerman and Hormozgan province. Risk in Ardebil and East Azerbaijan provinces north of Zagros mountains.
Iraq	<b>See NOTE</b>	<b>NOTE: Donors traveling to Iraq require a 1 year deferral for reasons not related to malaria.</b>
Ireland	No	
Israel (including Palestine)	No	
Italy	No	
Ivory Coast		See Côte d'Ivoire
Jamaica	No	
Japan	No	
Johnston Atoll	No	
Jordan	No	
Kampuchea, Democratic (see Cambodia)		
Kazakhstan	No	
Kenya	Yes	Risk in all areas (including game parks) except Nairobi.
Kiribati (formerly Gilbert Islands, includes Banaba, Kititimat, Tabuaeran, and Tarawa)	No	
Korea, Democratic People's Republic of (North)	Yes	Risk in southern provinces.
Korea, Republic of (South)	Yes	Rural areas in the northern parts of Kyonggi and Kangwon provinces including the demilitarized zone (DMZ).
Kosovo	No	
Kuwait	No	
Kyrgyzstan	No	

COUNTRY	MALARIA RISK	NOTE
Lao People's Democratic Republic (Laos)	Yes	Risk in all areas, except no risk in city of Vientiane.
Latvia	No	
Lebanon	No	
Lesotho	No	
Liberia	Yes	Risk in all areas.
Libyan Arab Jamahiriya	No	
Liechtenstein	No	
Lithuania	No	
Luxembourg	No	
Macao (China)	No	
Macedonia	No	
Madagascar	Yes	Risk in all areas.
Madeira Islands (Portugal)	No	
Malawi	Yes	Risk in all areas.
Malaysia	Yes	Risk in rural areas of Malaysian Borneo (Sabah and Sarawak provinces) and in rural areas of peninsular Malaysia
Maldives	No	
Mali	Yes	Risk in all areas.
Malta	No	
Marshall Islands	No	
Martinique (France)	No	
Mauritania	Yes	Risk in southern provinces. No risk in Dakhlet-Nouadhibou, Inchiri, Atrar and Tiris-Zemmour regions.
Mauritius	No	
Marquesas (Hiva Oa, Ua Huka)	No	
Mayotte (French territorial collectivity)	Yes	Risk in all areas.

COUNTRY	MALARIA RISK	NOTE
Mexico	Yes	<p>Risk limited to:</p> <ul style="list-style-type: none"> <li>- Chiapas; rural areas in the states of Nayarit, Oaxaca, Sinaloa; Sonora, Chihuahua, and Durango (see map page 11).</li> <li>- No malaria risk exists along the United States-Mexico border or the major resorts along the Pacific and Gulf coasts.</li> </ul> <p>The following frequently visited areas are not considered at risk for malaria transmission: Aguascalientes, <a href="#">Acapulco</a>, Baha Peninsula, Cabo San Lucas, Cancun, Chichen Itza, Chihuahua (city only), Ciudad Acura, Ciudad Juarez, Caudal Obregón, Costa Maya, Cozumel, Cuernavaca, Ensenada, Gomez Palacio, Guadalajara, Guaymas, Hermosillo, Ilsa Mujeres, Ixtapa, La Paz (Baja), Matamoros (border town), Mazatlan, Merida, Mexicali, Mexico City, Monterrey, Morelia, Nogales (US border), Nuevo Laredo, Oaxaca (city only), Piedras Negras (border town), Playa del Carmen, Progreso, Puebla, Puerto Vallarta, Queretaro, Reveria Maya, Saltillo, San Felipe (Baja), San Luis Potosi, Reynosa, Santa Ana, Sonoita, Tampico, Tijuana, Torreon, Toluca, Tulum (city and ruins), Veracruz, Xcaret and Zihuatenejo.</p>
Micronesia (Federated States of)	No	
Midway Island	No	
Moldova	No	
Monaco	No	
Mongolia	No	
Montenegro	No	
Montserrat (U.K.)	No	
Morocco	No	
Mozambique	Yes	Risk in all areas.
Myanmar (formerly Burma)	Yes	<p>Risk in rural areas</p> <p>The cities of Yangon (Rangoon) and Mandalay are not at risk.</p>
Namibia	Yes	Risk in provinces of Kunene, Ohangwena, Okavango, the Caprivi Strip, Omaheke, Omusati, Oshana, Oshikoto and Otjozondjupa
Nauru	No	
Nepal	Yes	Risk throughout country except no risk in Katmandu or typical Himalayan treks.
Netherlands	No	
Netherlands Antilles	No	
New Caledonia and Dependencies (France)	No	
New Zealand	No	
Nicaragua	Yes	Risk in all areas <b>except</b> no risk Managua city
Niger	Yes	Risk in all areas.
Nigeria	Yes	Risk in all areas.
Niue (New Zealand)	No	
Norfolk Island (Australia)	No	
Northern Ireland (U.K.)	No	

COUNTRY	MALARIA RISK	NOTE
Northern Mariana Islands (U.S.); includes Saipan, Tinian and Rota Island	No	
Norway	No	
Oman	No	
Oranjestad	No	
Pacific Islands, Trust Territory of the U.S.A.	No	
Pakistan	Yes	Risk in all areas.
Palau	No	
Palestine (including West Bank and Gaza)		See Israel
Panama	Yes	Risk in provinces east of the Panama Canal towards the border with Colombia (provinces of Panama east of the canal and Darien),. No risk in Panama City or in the former Canal Zone.
Papua New Guinea	Yes	Risk in all areas.
Paraguay	Yes	Risk in the departments of Alto Paranva, Caaguazú, Canindeyú.
Peru	Yes	Risk in all departments, including cities of Puerto Maldonado and Iquitos <b>except</b> no risk in cities of Lima (and coast south of Lima), Ica, and Nazca or in the highland tourist areas (Cuzco, Machu Picchu, and Lake Titicaca) and southern cities of Arequipa, Moquegua, Puno, and Tacna.
Philippines	Yes	Risk in rural areas on islands of Luzon, Palawan Mindoro and Mindanao. No risk in urban areas.
Pitcairn (U.K.)	No	
Poland	No	
Portugal	No	
Puerto Rico (U.S.)	No	
Qatar	No	
Republic of Moldavia	No	
Reunion (France)	No	
Romania	No	
Russia	No	
Rwanda	Yes	Risk in all areas.
St. Barthelemy (Guadeloupe)	No	
Saint Christopher (Saint Kitts) and Nevis (U.K.)	No	
Saint Helena (U.K.)	No	
Saint Lucia	No	
Saba (Neth)	No	

COUNTRY	MALARIA RISK	NOTE
Saint Martin (Guadalupe)	No	
Sint Maarten (Neth)	No	
Saint Pierre & Miquelon (France)	No	
Saint Vincent and the Grenadines	No	
Samoa (formerly Western Samoa)	No	
Samoa, American (U.S.)	No	
San Marino	No	
Sao Tome & Principe	Yes	Risk in all areas.
Saudi Arabia	Yes	Risk in emirates by border with Yemen, specifically Hazan and Asir; also in emirate of Al Bahah. None in cities of Jeddah, Mecca, Medina, Riyadh, and Ta'if.
Scotland	No	
Senegal	Yes	Risk in all areas.
Serbia	No	
Seychelles	No	
Sierra Leone	Yes	Risk in all areas.
Singapore	No	
Slovakia	No	
Slovenia	No	
Society Islands (Tahiti, Moorea, Bora-Bora)	No	
Solomon Islands	Yes	Risk in all areas
Somalia	Yes	Risk in all areas.
South Africa	Yes	Risk in Mpumalanga Province, Limpopo Province (Northern), northeastern KwaZulu-Natal as far south as the Tugela river and in Kruger National Park
South Georgia Island (UK)	No	
South Sandwich Island (UK)	No	
Spain	No	
Sri Lanka	Yes	Risk in all areas, except the districts of Colombo, Kalutara, Galle, Gampaha, Matara and Nuwara Eliya.
Sudan	Yes	Risk in all areas.
Suriname	Yes	Risk in all areas except no risk in Paramaribo District.
Swaziland	Yes	Risk in eastern areas bordering Mozambique and South Africa including all of Lubombo district and the eastern half of Hhohho and Shiselweni districts.
Sweden	No	
Switzerland	No	
Syria	No	

COUNTRY	MALARIA RISK	NOTE
Tahiti (Society Islands)	No	
Taiwan	No	
Tajikistan	Yes	Risk in all areas
Tanzania, United Rep.	Yes	Risk in all areas.
Thailand	Yes	- Risk in rural forested areas that border with Cambodia, Laos and Myanmar (Burma) - No risk in cities and major tourist resorts (Bangkok, Chiang Mai, Chiang Rai, Koh, Pattaya, and Ko Samui).
Togo	Yes	Risk in all areas.
Tokelau (New Zealand)	No	
Tonga	No	
Trinidad and Tobago	No	
Tunisia	No	
Turkey	Yes	Risk in southeastern part of the country. No risk on the Incerlik U.S. Air Force base and on typical cruise itineraries.
Turkmenistan	No	
Turks and Caicos	No	
Tuvalu	No	
Uganda	Yes	Risk in all areas.
Ukraine	No	
United Arab Emirates (Abu Dhabi, Dubai, Sharjah, Ajman, Umm al-Qaiwain, Ras al-Khaimah and Fujairah)	No	
United Kingdom (with Channel Islands and the Isle of Man)	No	
United States of America Upper Volta (see Burkina Faso)	No	
Uruguay	No	
Uzbekistan	No	
Vanuatu	Yes	Risk in all areas.
Venezuela	Yes	Risk in rural areas in the states of Apure, Amazonas, Anzoategui, Zulia, Bolivar, Sucre, and Delta Amacuro. Risk in Angel Falls. No risk in Margarita Island.
Viet Nam	Yes	Risk in rural areas . No risk in the Red River Delta and the coast north of Nha Trang. No risk in Hanoi, Ho Chi Minh City (Saigon), Da Nang, Nha Trang, Haiphong, , and Qui Nhon.

COUNTRY	MALARIA RISK	NOTE
Virgin Islands, British (Anegada, Josh Van Dyke, Tortola, Virgin Gorda)	No	
Virgin Islands, U.S. (St. Croix, St. John, St. Thomas)	No	
Wake Island (U.S.)	No	
Wallis and Futuna	No	
Western Sahara	No	
Yemen	Yes	Risk in all areas except in Sana'a.
Yugoslavia	No	
Zambia	Yes	Risk in all areas.
Zimbabwe	Yes	Risk in all areas.

