



Brazil

The following information must be viewed as a guide only. It is not intended, nor implied to be a substitute for professional medical advice.

Specific recommendations on vaccinations, antimalarial medications & targeted travel health advice are always provided on an individual basis taking into account:

- the personal health of the traveller including past medical & vaccination history;
- intended activities;
- precise itinerary;
- style of travel;
- type of accommodation;
- time of year;
- altitude; &
- length of stay.

As well, some vaccines eg rabies & tuberculosis are very much influenced by local disease risk. Specific face-to-face advice is particularly important when recommending antimalarial medications & those for presumptive treatment, eg. for travellers diarrhoea.

We strongly recommend travellers seek an appointment with a doctor trained in travel health prior to departure.

Medical & nursing staff at The Travel Doctor-TMVC are trained in international public health issues with a focus on immunisations & preventive medicine. Many have travelled extensively & a number have worked in less developed areas of the world for extended periods. Travellers should undergo individual risk assessments

whether they are short term holiday makers, business people or the long term expatriate worker. The Travel Doctor-TMVC has clinics Australia wide. In Australia the local centre may be contacted on 1300 658 844, or by visiting www.traveldoctor.com.au. It is recommended that you visit a travel health professional 6-8 weeks prior to departure. However, if that time frame is not possible, remember – 'It's never too late to vaccinate'.

Healthy Travelling in Brazil

Brazil is a vast, culturally-diverse country with a varied climate that offers many attractions to travellers. Wilderness abounds in Brazil & most travellers make a trip to Iguacu Falls, with the more adventurous visiting the Amazon rainforest & wetlands of the Pantanal. Brazilians like to celebrate, & festivals like the Carnival in Rio de Janeiro attract crowds from all over the world. Travellers wanting to relax often head for the south-eastern beaches.

Pre-travel preparation will help keep you healthy while you are away. The table below provides a brief description of some of the major travel health concerns & vaccinations that should be considered for travel to Brazil.

We hope you find this information useful in preparing for your trip. Remember it is advisable to consult a travel health specialist prior to departure.

It is important to make sure that routine immunisations such as Tetanus & Diphtheria are up-to-date, to check whether Yellow Fever vaccination is required, & to consider other vaccinations like Hepatitis A & Typhoid depending on individual risk.

Major Travel Health Issues & Considerations for Brazil

Chickenpox	This very common infectious disease can be prevented through immunisation. Many people miss the disease in childhood only to have a more severe illness as an adult. Travel puts one at higher risk of exposure. If there is no history of having had the illness, a blood test can confirm whether one is at risk.
Cholera	Cholera is a severe diarrhoeal disease caused by a bacteria. It is common in developing countries & is associated with conditions of poverty & poor sanitation. Cholera can cause rapid & severe dehydration. Travellers who follow the rules of eating & drinking safely will minimise their risk. There is also an oral vaccine available for cholera which may be recommended in certain circumstances.
Dengue Fever	Dengue (pronounced den-gee) Fever is a viral disease with flu like symptoms that is transmitted by mosquitoes. Outbreaks occur in Brazil, particularly in large cities during the wetter months of the year – between November & April, depending on the part of the country. There is no vaccine for Dengue Fever & prevention is based upon avoiding mosquito bites using repellents, nets & insecticides. The mosquito is a day time biter and the risk is greatest in urban areas.
Hepatitis A	This is a viral disease of the liver which is transmitted through eating contaminated food or drinking contaminated water. It is the most common vaccine preventable disease that occurs in travellers to less developed areas of the world. It is strongly recommended for travel to Brazil.
Hepatitis B	This is a viral disease of the liver that is transmitted through contact with blood, blood products or bodily fluids. It is vaccine preventable. Hepatitis B immunisation is now part of the childhood immunisation schedule. Many adult travellers have missed this very important immunisation & travel may be a good reason for vaccination.
Influenza	Individuals intending to travel out of an Australian winter might consider the current flu vaccine at the beginning of the season. Exposure to flu at airports & in other crowded places is common & becoming unwell can ruin a much needed break. In fact, influenza is likely to be the most common vaccine-preventable disease faced by travellers.



Malaria	Malaria is transmitted by a night-biting mosquito. The risk is highest in travellers visiting the Amazon Basin; less in travellers visiting the eastern coast & highland areas of Brazil. A decision on whether or not to take anti-malarial drugs should be made after consultation with a travel health specialist, taking into consideration the malaria risk in areas to be visited as well as potential side effects & cost of available drugs. Insect bite avoidance measures should be used throughout the trip. Any flu-like illness occurring during or after the trip should be investigated by a travel health specialist.
Measles, Mumps & Rubella	These diseases are more common in countries where childhood immunisation coverage is not as high as in Australia. Travellers born during or after 1966 should check that they have either had measles or else 2 doses of measles vaccine. Since 1989 this may have been as the combination MMR (measles, mumps & rubella) vaccine. Those born before 1966 are likely to have long-term immunity from natural exposure during childhood.
Rabies	Rabies is a deadly viral infection of the brain transmitted from animals to humans. The disease is rare in travellers but the risk increases with extended travel & animal contact. The best way to prevent rabies is to avoid all contact with animals. Dogs are the main carriers; however monkeys, bats, cats & other animals may also have the disease. Pre-exposure vaccination is recommended for extended travel & those who work with, or are likely to come in contact with animals.
Tetanus, Pertussis & Diphtheria	Tetanus is caused by a toxin released by a bacteria commonly found in dust or soil, which enters the body through a wound. Diphtheria is a bacterial infection of the throat & occasionally of the skin. It is found worldwide & is spread from person-to-person by coughing & sneezing. Pertussis (Whooping Cough) is a highly-infectious respiratory infection responsible for 300,000 deaths annually, mainly in children. Diphtheria & pertussis vaccines can be added to the tetanus vaccine. Because many adults no longer have immunity from childhood vaccination, travellers to less developed countries are advised to have a tetanus, diphtheria & pertussis booster.
Travellers' diarrhoea	Up to 40% of tourists may develop 3 or more loose bowel motions a day within the first week of travel. A variety of germs can be responsible for this infection & a traveller's medical kit containing appropriate therapy can rapidly improve symptoms. The oral cholera vaccine has been shown to provide limited protection against some forms of traveller's diarrhoea.
Typhoid Fever	Typhoid Fever is caused by a bacteria found in contaminated food & water. It is common in the developing world & vaccination is recommended for travellers to areas where environmental sanitation & personal hygiene may be poor. The adventurous eater venturing 'off the beaten' path should certainly consider vaccination.
Yellow Fever	This viral illness is spread by mosquitoes in & around forested areas of Brazil & has a mortality rate of up to 50%. A vaccine is available for those over 9 months of age. An international certificate of vaccination is compulsory for travellers returning to Australia having visited parts of Brazil in which there is a risk of Yellow Fever.

Malaria occurs in Brazil. Malaria risk & prevention options should be discussed with a travel medicine specialist prior to departure.


Dengue Fever occurs in Brazil. It is very important to use insect bite avoidance measures throughout the trip.

Yellow Fever vaccination is compulsory for travellers who will be visiting Brazil or other areas in South America in which there is a risk of Yellow Fever. This should be discussed with a travel medicine specialist prior to departure.

Additional fact sheets can be found at www.traveldoctor.com.au

These include fact sheets about:

- eating & drinking safely;
- avoiding insect bites;
- managing jet lag;
- safe sex;
- managing travellers' diarrhoea, and;
- Travellers' Medical Kits.



Remember to check the DFAT 'Smartraveller' website www.smartraveller.gov.au prior to departure



Travel Health Fact Sheet **Brazil**
 Copyright © The Travel Doctor-TMVC Pty Ltd 2010

Clinics Australia Wide. To find your nearest clinic call
1300 658 844 or visit www.traveldoctor.com.au