

Brazil

The Government of Brazil reports as follows.

National coordination

There is a written national strategy or plan that focuses primarily on the prevention and control of viral hepatitis, and also integrates other diseases. It includes components for raising awareness, surveillance, vaccination, prevention in general, prevention of transmission via injecting drug use, prevention of transmission in health-care settings, treatment and care, and coinfection with HIV.

There is a designated governmental unit/department responsible solely for coordinating and/or carrying out viral hepatitis-related activities: National Department of STD, AIDS and Viral Hepatitis. It has 250 staff members. It is not known how many people work full-time on hepatitis-related activities in all government agencies/bodies.

The government has a viral hepatitis prevention and control programme that includes activities targeting the following specific populations: health-care workers (including health-care waste handlers), people who inject drugs, prisoners, sex workers, people living with HIV, the uninsured, indigenous people, pregnant women and men who have sex with men.

Awareness-raising and partnerships

The government held events for World Hepatitis Day 2012 and has funded other viral hepatitis public awareness campaigns since January 2011 (Annex A).

The government collaborates with in-country civil society groups to develop and implement its viral hepatitis prevention and control programme.

Evidence-based policy and data for action

There is routine surveillance for viral hepatitis. There is a national surveillance system for the following types of acute hepatitis: A, B, C, D and E, and for the following types of chronic hepatitis: B, C and D.

There are standard case definitions for hepatitis. Deaths, including from hepatitis, are reported to a central registry. Information was not provided on the percentage of hepatitis cases reported as "undifferentiated" or "unknown" hepatitis.

Liver cancer cases are not registered nationally, but cases with HIV/hepatitis coinfection are.

The government publishes hepatitis disease reports annually and in the case of outbreaks.

Population (in millions) (2011)	196.7
Country classification (2012)	Upper-middle-income
Gross national income per capita (PPP int \$) (2011)	\$11 420
Total health expenditure as % of GDP (2010)	9.01%
Per capita total health expenditure (PPP int \$) (2010)	\$1028.29
Per capita government health expenditure (PPP int \$) (2010)	\$483.49
Life expectancy at birth (in years) (2009)	73
Human Development Index (2011)	0.718
Median age (in years) (2010)	29
Total fertility rate per woman (2010)	1.8

Hepatitis outbreaks are required to be reported to the government and are further investigated. There is adequate laboratory capacity nationally to support investigation of viral hepatitis outbreaks and other surveillance activities.

There is no national public health research agenda for viral hepatitis. Viral hepatitis serosurveys are conducted regularly; target populations include the general population, adolescents, health professionals, pregnant women and tattooists. The last serosurvey was carried out in July 2012.

Prevention of transmission

There is a national policy on hepatitis A vaccination.

The government has not established the goal of eliminating hepatitis B.

It is not known what percentage of newborn infants nationally in a given recent year received the first dose of hepatitis B vaccine within 24 hours of birth or what percentage of one-year-olds (ages 12–23 months) nationally in a given recent year received three doses of hepatitis B vaccine.

There is a national policy that specifically targets mother-to-child transmission of hepatitis B (Annex B).

There is a specific national strategy and/or policy/guidelines for preventing hepatitis B and hepatitis C infection in health-care settings. Health-care workers are vaccinated against hepatitis B prior to starting work that might put them at risk of exposure to blood.

There is a national policy on injection safety in health-care settings, which recommends single-use syringes for therapeutic injections. Single-use or auto-disable syringes, needles and cannulas are always available in all health-care facilities.

Official government estimates of the number and percentage of unnecessary injections administered annually in health-care settings are not known.

There is a national infection control policy for blood banks. All donated blood units (including family donations) and blood

products nationwide are screened for hepatitis B and hepatitis C.

There is a national policy relating to the prevention of viral hepatitis among people who inject drugs.

The government has guidelines that address how hepatitis A and hepatitis E can be prevented through food and water safety.

Screening, care and treatment

Health professionals obtain the skills and competencies required to effectively care for people with viral hepatitis through on-the-job training, postgraduate training and training for multidisciplinary teams.

There are national clinical guidelines for the management of viral hepatitis, which include recommendations for cases with HIV coinfection.

The government has national policies relating to screening and referral to care for hepatitis B and hepatitis C.

People testing for both hepatitis B and hepatitis C register by name; the names are kept confidential within the system. Hepatitis B and hepatitis C tests are free of charge for all individuals and are not compulsory for members of any specific group.

Publicly funded treatment for hepatitis B and hepatitis C is available to the entire population. Information was not provided regarding the amount spent by the government on such treatment for hepatitis B and hepatitis C.

The following drugs for treating hepatitis B are on the national essential medicines list or subsidized by the government: interferon alpha, pegylated interferon, lamivudine, adefovir dipivoxil, entecavir and tenofovir. The following drugs for treating hepatitis C are on the national essential medicines list or subsidized by the government: interferon alpha, pegylated interferon and ribavirin.

The Government of Brazil welcomes assistance from WHO in one or more areas of viral hepatitis prevention and control (Annex C).