

# Sudan

Population (in millions) (2011)	<b>44.6</b>
Country classification (2012)	<b>Lower-middle-income</b>
Gross national income per capita (PPP int \$) (2011)	<b>\$2120</b>
Total health expenditure as % of GDP (2010)	<b>6.32%</b>
Per capita total health expenditure (PPP int \$) (2010)	<b>\$141.39</b>
Per capita government health expenditure (PPP int \$) (2010)	<b>\$42.16</b>
Life expectancy at birth (in years) (2009)	<b>59</b>
Human Development Index (2011)	<b>0.408</b>
Median age (in years) (2010)	<b>20</b>
Total fertility rate per woman (2010)	<b>4.4</b>

The Government of Sudan 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 and prevention in general.

There is no designated governmental unit/department responsible solely for coordinating and/or carrying out viral hepatitis-related activities. Information was not provided regarding how many people work full-time on hepatitis-related activities in all government agencies/bodies.

The government does not have a viral hepatitis prevention and control programme that includes activities targeting specific populations.

## Awareness-raising and partnerships

The government held events for World Hepatitis Day 2012, but has not funded other viral hepatitis public awareness campaigns since January 2011.

The government does not collaborate 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 acute hepatitis A, but not for any type of chronic hepatitis.

There are standard case definitions for hepatitis. Deaths, including from hepatitis, are reported to a central registry. Of hepatitis cases, 90% are reported as "undifferentiated" or "unclassified" hepatitis.

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

The government publishes hepatitis disease reports weekly.

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

There is a national public health research agenda for viral hepatitis. Viral hepatitis serosurveys are not conducted regularly.

## Prevention of transmission

There is no national policy on hepatitis A vaccination.

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

Nationally, no newborn infant in a given recent year received the first dose of hepatitis B vaccine within 24 hours of birth and 93% of one-year-olds (ages 12–23 months) in a given recent year received three doses of hepatitis B vaccine.

There is no national policy that specifically targets mother-to-child transmission of hepatitis B.

There is no specific national strategy and/or policy/guidelines for preventing hepatitis B and hepatitis C infection in health-care settings.

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 no national policy relating to the prevention of viral hepatitis among people who inject drugs.

The government does not have 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 schools for health professionals (pre-service education) and on-the-job training.

There are no national clinical guidelines for the management of viral hepatitis, or for the management of HIV, which include recommendations for coinfection with viral hepatitis.

The government does not have national policies relating to screening and referral to care for hepatitis B or 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 compulsory for blood donors.

Publicly funded treatment is not available for hepatitis B or hepatitis C.

The following drug for treating hepatitis B is on the national essential medicines list or subsidized by the government: ribavirin.

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