Portugal

10 487 289		
0.822		
HAV vaccination is recommended for: 1. travellers to high or intermediate endemic countries 2. adolescents and adults with chronic liver disease 3. for outbreak control.		
score 0: 3 studies; score 1: 3 studies; score 2: 2 studies		
1983–2007		

The only study published in Portugal before 1990 (Lecour 1984), estimated an HAV seroprevalence to be above 50% by 15 years with less than 90% seroprevalence by10 years (Figure 1).

Out of 5 studies estimating HAV seroprevalence in Portugal between 1990 and 1999, only three provided estimates of seroprevalence by 30 and 15 years old. The seroprevalence estimates are above 50% in all 3 studies by the age of 30; while only one study reports seroprevalence above 50% by the age of 15 (Figure 1).

Two studies conducted after 2000 estimated HAV seroprevalence to be around or over 50% by the age of 30 . Therefore, Portugal likely transitioned from intermediate to low endemicity in the 1990s (Figure 1), and remains a low endemicity country after 2000.

Portugal_Table 1. Hepatitis A seroprevalence level by time period

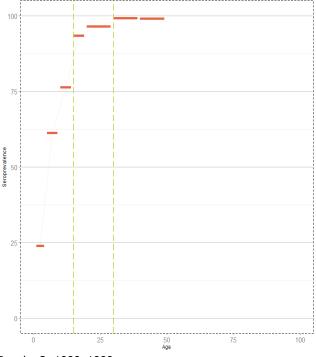
	Very low endemicity	Low endemicity	Intermediate endemicity
1975–1989			
1990–1999			
2000–2013			

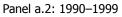
Reported incidence data in Portugal is available from TESSy (Figure 2) since 2006. It shows a very low incidence below 0.5 per 100 000.

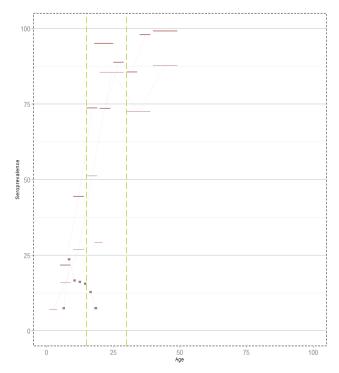
The susceptibility among adults is low, as susceptibility levels by 30 years are around 20% and by 50 years old less than 10% are susceptible.

Portugal_Figure 1 (panel a). Summary of seroprevalence in Portugal, by age and time period.

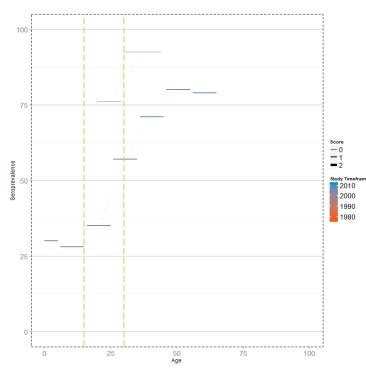
Panel a.1: 1975–1989



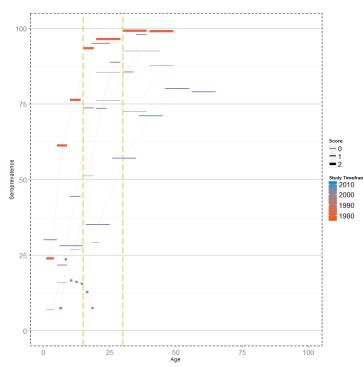




Panel a.3: 2000-2013



Portugal_Figure 1 (panel b). Summary of seroprevalence in Portugal, by age and time period (1975–2013).





Portugal_Figure 2. Reported incidence of hepatitis A, Portugal, 1989–2013.

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