

Table 4 Seroprevalence of hepatitis B surface antigen (HBsAg) and anti-hepatitis C virus (HCV) antibodies among Libyans according to demographic characteristics and risk exposures

Variable	Total sample		HBsAg +ve		Anti-HCV +ve			P-values	
	No.	No.	Weighted		No.	Weighted		HBsAg	Anti-HCV
			%	%		%	%		
Total	65 761	1 431	2.2	2.0	780	1.2	1.3		
Sex									
Female	32 996	591	1.8	1.6	413	1.3	1.3	< 0.001	0.119
Male	32 765	840	2.6	2.4	367	1.1	1.2		
Age (years)									
5	6 530	55	0.8	0.9	57	0.9	0.8		
10	4 091	38	0.9	0.8	28	0.7	0.7		
20	20 658	520	2.5	2.3	168	0.8	0.8		
30	13 883	289	2.1	2.3	119	0.9	0.9		
40	9 775	220	2.3	2.3	140	1.4	1.6		
50	5 359	150	2.8	2.4	108	2.0	2.0		
60	3 427	91	2.7	2.7	86	2.5	2.6		
70	1 344	35	2.6	2.1	50	3.7	3.7		
75	694	33	4.8	3.1	24	3.5	2.7	< 0.001	< 0.001
Education									
Below age	6 485	56	0.9	0.9	60	0.9	0.9		
Illiterate	5 084	146	2.9	2.6	156	3.1	3.0		
Preparatory	22 431	520	2.3	2.0	236	1.1	1.2		
High school	20 646	458	2.2	2.3	212	1.0	1.1		
University	8 592	184	2.1	2.2	90	1.0	1.0		
Postgraduate	1 007	16	1.6	1.9	13	1.3	1.0		
Unknown	1 516	51	3.4	2.0	13	0.9	1.3	< 0.001	< 0.001
Marital status									
Married	17 862	472	2.6	2.5	351	2.0	2.1		
Single	26 634	576	2.2	2.2	230	0.9	0.9		
Widowed	808	15	1.9	1.4	26	3.2	3.4		
Divorced	337	6	1.8	2.9	6	1.8	1.5		
Below age	18 994	330	1.7	1.4	156	0.8	0.8		
Unknown	1 126	32	2.8	2.1	11	1.0	1.4	< 0.001	< 0.001
Type of dwelling									
Villa	9 998	218	2.2	2.2	96	1.0	1.2		
Apartment	7 350	135	1.8	1.6	103	1.4	1.6		
Rural house	46 088	1 035	2.2	2.1	567	1.2	1.3		
Other	120	1	0.8	1.1	1	0.8	1.0		
Unknown	2 205	42	1.9	1.6	13	0.6	0.7	0.078	0.011

Table 4 Seroprevalence of hepatitis B surface antigen (HBsAg) and anti-hepatitis C virus (HCV) antibodies among Libyans according to demographic characteristics and risk exposures (concluded)

Variable	Total sample		HBsAg +ve		Anti-HCV +ve			P-values	
	No.	No.	%	Weighted	No.	%	%	HBsAg	Anti-HCV
				%					
Clinical history									
Hospital admissions	16 946	395	2.3	2.3	326	1.9	2.1	0.115	< 0.001
Surgical operations	9 586	233	2.4	2.3	218	2.3	2.6	0.077	< 0.001
Blood transfusion	3 557	74	2.1	2.0	96	2.7	2.8	0.681	< 0.001
Dental procedures	23 220	500	2.2	2.1	299	1.3	1.4	0.767	0.089
Skin piercing	7 451	189	2.5	2.4	130	1.7	1.9	0.073	< 0.001
Skin tattoo	1 243	36	2.9	2.5	22	1.8	2.3	0.532	0.283
IV drug use	54	0	0.0	0.0	4	7.4	15.4	0.266	< 0.001
Illegal sex	193	3	1.6	1.3	3	1.6	2.6	0.464	0.814
HBV vaccination	13 242	167	1.3	1.1	147	1.1	1.0	< 0.001	0.376
HBV contact	1 423	57	4.0	3.8	26	1.8	2.6	< 0.001	0.006
History of jaundice	2 421	88	3.6	3.6	51	2.1	2.5	< 0.001	< 0.001

IV = intravenous.