



Platt, L., French, C. E., McGowan, C. R., Sabin, K., Gower, E., Trickey, A., McDonald, B., Ong, J., Stone, J., Easterbrook, P. J., & Vickerman, P. (2020). Prevalence and burden of HBV co-infection among people living with HIV: A global systematic review and meta-analysis. *Journal of Viral Hepatitis*, 27(3), 294-315.
<https://doi.org/10.1111/jvh.13217>

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Supplementary Table S3: Summary of Global, regional and country level estimates of HIV-HBsAg co-infection prevalence estimates in children and high risk populations

Country	Children						High risk [†]					
	Total Studies		Best estimate				Total Studies		Best estimate			
	n	Range [^]	%	Score	n	Year	n	Range [^]	%	Score	n	Year
West and Central Africa												
Benin ¹	1	9.6	9.6	C1	104	2014						
Burkina Faso												
Cameroon ²							1	10.6	10.6	C0	104	2013
Cote D'Ivoire												
Congo												
Equatorial Guinea												
Gambia												
Ghana ³							1	8.7	8.7	B2	320	2012
Guinea-Bissau												
Mali												
Nigeria ⁴⁻¹²	6	1.9-20.0	10.0	C2	140	2015	2	21.2-35.7	21.2	B2	52	2013
Senegal												
TOTAL[†]	7	9.6-10.0	9.8				4	8.8-21.2	10.6			
South Africa												
Botswana												
Lesotho												
South Africa ¹³⁻¹⁶	4	0-20.5	0.8	B3	625	2016	1	4.2	4.2	B3	1024	2008
Zimbabwe												
TOTAL[†]	4	0.8	0.8				1	4.2	4.2			
East Africa												
Comoros												
Djibouti												
Ethiopia ¹⁷							1	4	4.0	B0	305	2007
Kenya ¹⁸							1	6.8	6.8	B1	296	2014
Madagascar ¹⁹							1	6.3	6.3	B1	160	2011
Malawi ^{20,21}	1	2.2	2.2	C2	91	2015	1	0.6	0.6	B2	60	2006
Mauritius ²²							1	0.0	0.0	B2	97	2010

Children							High risk [†]					
Total Studies		Best estimate					Total Studies		Best estimate			
Country	n	Range [^]	%	Score	n	Year	n	Range [^]	%	Score	n	Year
Mozambique												
Rwanda ²³	1	6.8	6.8	C2	88	2010						
Tanzania ²⁴	1	7.0	7.0	B2	157	2009						
Uganda ^{25,26}							2	7.0-19.5	7.0	B2	355	2012
Zambia ²⁷	1	10.5	10.5	B0	411	2014						
TOTAL[†]	4	4.5-8.7	6.9				7	0.6-6.8	5.1			
N Africa & Middle East												
Egypt ²⁸							1	41.7	41.7	C2	115	2015
Iran (Islamic Republic of) ²⁹⁻³⁸							10	3.8-35.5	35.5	C3	186	2011
Lebanon ³⁹							1	6.9	6.9	C2	101	2007
Libya												
Morocco ⁴⁰							1	5.2	5.2	B2	503	2010
Saudi Arabia ⁴¹							1	4.3	4.3	C0	1383	2008
TOTAL[†]							14	5.2-3.5	6.9			
West, Central and East Europe												
Belgium												
Bulgaria ⁴²							1	10.4	10.4	B2	934	2014
Denmark ⁴³⁻⁴⁵							3	2.0-7.3	2.0	C2	574	2012
France ⁴⁶⁻⁶¹							16	2.7-9.2	8.3	B2	240	2001
Georgia ⁶²							1	8.4	8.4	B0	752	2009
Germany ^{63,64}							2	4.5-8.2	4.5	B2	918	2010
Greece												
Ireland ^{65,66}							2	2.1-2.7	2.7	B2	1287	2016
Italy ⁶⁷⁻⁹¹							27	1.0-40.0	8.8	B3	69	2013
Moldova												
Netherlands												
Poland ⁹²⁻⁹⁴	1	2.5	2.5	B3	79	2016	2	6.5-6.7	6.5	C2	70	2005
Portugal												
Romania ^{95,96}	2	43.5-45.0	43.5	C2	161	2004						
Spain ⁹⁷⁻¹¹⁴	1	1.6	1.6	B0	127	2011	20	2.5-21.5	4.4	B2	520	2009
Serbia ¹¹⁵⁻¹¹⁹							2	2.3-6.2	2.3	B0	216	2012

Children							High risk [†]					
Total Studies		Best estimate					Total Studies		Best estimate			
Country	n	Range [^]	%	Score	n	Year	n	Range [^]	%	Score	n	Year
Slovenia ¹²⁰							1	3.9	3.9	B2	356	2008
Switzerland ¹²¹⁻¹²⁴							6	2.1-24.6	6.3	C2	889	2004
Turkey ^{125,126}							2	4.3-9.8	4.3	B0	209	2011
United Kingdom ¹²⁷⁻¹³¹							5	1.7-6.9	5.2	B2	2530	2005
Ukraine ^{132,133}							2	1.3-16.0	1.3	B2	520	2005
TOTAL[†]	4	1.6-43.5	2.5				92	2.7-8.3	4.5			
East Asia												
China ¹³⁴⁻¹⁵³							20	1.5-19.0	12.0	B3	1984	2013
Taiwan ¹⁵⁴⁻¹⁵⁷							4	11.5-19.8	19.1	B2	4273	2008
TOTAL[†]							24	12.0-19.1	15.6			
South and South East Asia												
Cambodia												
India ¹⁵⁸⁻¹⁷³	1	2.6	2.6	C0	487	2009	16	1.5-30.9	5.9	B3	1331	2013
Indonesia ¹⁷⁴⁻¹⁷⁷							4	3.4-7.9	7.9	B2	126	2010
Malaysia ^{178,179}							2	9.0-13.0	13.0	B0	664	2012
Myanmar ¹⁸⁰							1	5.3	5.3	B0	11032	2012
Nepal ^{181,182}							2	4.5-8.5	8.5	B2	74	2007
Pakistan ¹⁸³							1	1.0	1.0	B1	99	2009
Thailand ¹⁸⁴⁻¹⁹³	1	32.6	32.6	B3	521	2011	9	3.7-11.4	11.4	B3	211	2013
Vietnam ^{194,195}							2	10.3-11.3	10.3	B2	301	2007
TOTAL[†]	2	2.6-32.6	17.6				37	5.6-10.8	8.2			
Asia Pacific & Australasia												
Australia												
Japan							1	8.9	8.9	B2	471	2002
South Korea ¹⁹⁶							1	8.8	8.8	B0	327	2006
TOTAL[†]							2	8.9	8.8-8.9			
Latin America (Central, South America & Caribbean)												
Argentina ¹⁹⁷⁻²⁰⁰							4	3.2-16.9	16.9	C3	174	1999
Brazil ²⁰¹⁻²²³							24	1.6-39.8	6.4	B3	704	2003
Chile												
Colombia ²²⁴							1	0.7	0.7	B2	251	2004

Children							High risk [#]					
Total Studies		Best estimate					Total Studies		Best estimate			
Country	n	Range [^]	%	Score	n	Year	n	Range [^]	%	Score	n	Year
Ecuador												
Haiti												
Mexico ²²⁵⁻²²⁷							3	3.4-29.4	29.4	B2	243	2015
Peru												
Venezuela												
TOTAL[†]							32	3.5-23.1	11.6			
North America												
Canada ^{228,229}							2	6.0-19.1	6.0	B3	2844	2010
USA ²³⁰⁻²⁵⁶	1	2.6	2.6	C0	228	2005	28	1.5-56.1	5.9	B2	1119	2008
TOTAL[†]	1	2.6	2.6				30	5.8-6.0	5.9			
Global total[†]	22	2.5-10.0	6.8				243	4.3-9.6	6.4			

† Totals are derived from median of best estimates scored with interquartile range of best estimates.

[^] Range is presented for country level estimates and interquartile range for regional and global totals.

[#] Includes those recruited from STI clinics, mixed populations engaging in sexual and or injecting risk behaviours (but with less than 75% sample reporting injecting / less than 50% being MSM), sex workers and prisoners

All best estimates are selected according to the decision rules in Text Box 2.

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