

Table 73: Summary of Surveys Included in Meta-Analysis: Cameroon Middle Africa

Country	Study (survey year*)	Region	Population and sampling method	Sex	Sample (n)	HBsAg			RE weight (%)	FE weight (%)	Reference	Access No	Ref No.
						positive (%)	lower 95% CI	upper 95% CI					
Cameroon	Chiaromonte 1989	Kumba, one of the 10 largest cities	Urban school children; sytematic random sampling; epresentative of the socioeconomic charateristics of the inhabitants; males (317)	males	317	23.6%	18.93%	28.27%	5.98%	4.3%	Chiaromonte, M., T. Stroffolini, et al. (1991). "Hepatitis B virus infection in Cameroon: a seroepidemiological survey in city school children." <i>J Med Virol</i> 33(2): 95-9.	2051143	1085
Cameroon	Ndumbe 189*	Yaounde	Adults attending outpatient clinics; only pts with mild disease, no evidence of any known chronic disease, no evidence of liver disease; males (127)	males	127	7.1%	2.63%	11.57%	6.06%	4.7%	Ndumbe, P. M. and T. K. Njie (1989). "Hepatitis A and B infections in Yaounde, Cameroon." <i>Res Virol</i> 140(3): 253-61.	2787924	1087
Cameroon	Kowo 1994	south	Residents ≥12 yo in one Bantu village and three Pygmy encampments; male (80)	males	80	8.9%	2.66%	15.14%	5.37%	2.4%	Kowo, M. P., P. Goubau, et al. (1995). "Prevalence of hepatitis C virus and other blood-borne viruses in Pygmies and neighbouring Bantus in southern Cameroon." <i>Trans R Soc Trop Med Hvg</i> 89(5): 484-6.	8560516	1094
Cameroon	Chiaromonte 1989	Kumba, one of the 10 largest cities	Urban school children; sytematic random sampling; representative of the socioeconomic charateristics of the inhabitants; females (374)	females	374	16.6%	12.83%	20.37%	6.30%	6.6%	Chiaromonte, M., T. Stroffolini, et al. (1991). "Hepatitis B virus infection in Cameroon: a seroepidemiological survey in city school children." <i>J Med Virol</i> 33(2): 95-9.	2051143	1085
Cameroon	Ndumbe 189*	Yaounde	Adults attending outpatient clinics; only pts with mild disease, no evidence of any known chronic disease, no evidence of liver disease; females (61)	females	61	14.8%	5.89%	23.71%	4.32%	1.2%	Ndumbe, P. M. and T. K. Njie (1989). "Hepatitis A and B infections in Yaounde, Cameroon." <i>Res Virol</i> 140(3): 253-61.	2787924	1087
Cameroon	Ndumbe 1989-1990	Yaounde	Pregnant women from new antenatal clinical attendants; women of all social classes and representative of the population of pregnant women residing in the area (150)	females	150	15.3%	9.54%	21.06%	5.56%	2.8%	Ndumbe, P. M., A. Andela, et al. (1992). "Prevalence of infections affecting the child among pregnant women in Yaounde, Cameroon." <i>Med Microbiol Immunol</i> 181(3): 127-30.	1522822	1083
Cameroon	Grathwohl 1992*	Yaounde	Pregnant women; mother-child pairs; no selection in abstract; Yaounde (109)	females	109	4.6%	0.67%	8.53%	6.25%	6.1%	Grathwohl, J., P. Ndumbe, et al. (1992). "[Perinatal hepatitis B virus transmission]." <i>Monatsschr Kinderheilkd</i> 140(6): 366-8.	1640950	1084
Cameroon	Ndumbe 1994	rural	Rural pregnant women attending antenatal clinic; no selection in abstract (384)	females	384	5.4%	3.14%	7.66%	6.74%	18.4%	Ndumbe, P. M., J. Skalsky, et al. (1994). "Seroprevalence of hepatitis and HIV infection among rural pregnant women in Cameroon." <i>APMIS</i> 102(9): 662-6.	7524547	1092
Cameroon	Kowo 1994	south	Residents ≥12 yo in one Bantu village and three Pygmy encampments female (88)	females	88	5.7%	0.86%	10.54%	5.92%	4.0%	Kowo, M. P., P. Goubau, et al. (1995). "Prevalence of hepatitis C virus and other blood-borne viruses in Pygmies and neighbouring Bantus in southern Cameroon." <i>Trans R Soc Trop Med Hvg</i> 89(5): 484-6.	8560516	1094
Cameroon	Nielsen 1980*	Bamenda	Patients attending the outpatient clinic of General Hospital, Bamenda for treatment of various diseases; no selection described (110)	both	110	14.5%	7.92%	21.08%	5.23%	2.2%	Nielsen, G. and U. Bienzle (1980). "Evaluation of the hepatitis BS-antigen determination in serum, red blood cells and whole blood dried onto filter paper." <i>Tropenmed Parasitol</i> 31(1): 128-30.	6990574	1091
Cameroon	Garrigue 1985	Northern Cameroon Divisison	General population > 4 yo in Northern Cameroon; "a representative population sample", no selection in abstract (395)	both	395	25.3%	21.01%	29.59%	6.12%	5.1%	Garrigue, G., M. Merlin, et al. (1985). "[Prevalence of markers of viral hepatitis B in northern Cameroon]." <i>Bull Soc Pathol Exot Filiales</i> 78(5 Pt 2): 883-9.	3836776	1089
Cameroon	Aebischer 1986-1987	Bakwat, south west	Adults; samples collected as part of a larger anthropological research project; no selection described (189)	both	189	5.8%	2.47%	9.13%	6.44%	8.5%	Aebischer, M. L., M. C. Martorana, et al. (1990). "Evaluation of the sensitivity of microfilter paper assays in an anthropological study: results of samples from Cameroon and Tanzania." <i>Anthropol Anz</i> 48(1): 15-23.	2334145	1090

Cameroon	Poveda 1986*	Nkongssamba	Representative sample of the population of the city of Nkongssamba; cluster sampling (370)	both	370	8.4%	5.57%	11.23%	6.59%	11.8%	Poveda, J. D., B. Delord, et al. (1986). "[Carriage of HBs antigen and infection by delta agent in Cameroon]." <i>Bull Soc Pathol Exot Filiales</i> 79(5 Pt 2): 785-7.	3829218	1088
Cameroon	Ndumbe 1990*	Yaounde	Control children without sickle-cell disease; consecutive children who presented at hospital day clinic with minor ailments (62)	both	62	11.0%	3.21%	18.79%	4.75%	1.6%	Ndumbe, P. M. and E. Nyouma (1990). "Transmission of hepatitis B virus by blood transfusion in Yaounde, Cameroon." <i>BMJ</i> 301(6751): 523-4.	2207420	1086
Cameroon	Ndumbe 1992	Eastern Province	Adult Baka pygmies randomly selected from inhabitants of six villages (141)	both	141	14.2%	8.44%	19.96%	5.56%	2.8%	Ndumbe, P. M., G. Atchou, et al. (1993). "Infections among pygmies in the Eastern Province of Cameroon." <i>Med Microbiol Immunol</i> 182(6): 281-4.	7907163	1093
Cameroon	Kurbanov 1994	East province	Pygmies enrolled from two forest encampments; no selection described (174)	both	174	7.5%	3.59%	11.41%	6.25%	6.2%	Kurbanov, F., Y. Tanaka, et al. (2005). "A new subtype (subgenotype) Ac (A3) of hepatitis B virus and recombination between genotypes A and E in Cameroon." <i>J Gen Virol</i> 86(Pt 7): 2047-56.	15958684	1095
Cameroon	Kurbanov 1994	five provinces across the country	Bantus; no selection described (174)	both	370	8.9%	6.00%	11.80%	6.57%	11.2%	Kurbanov, F., Y. Tanaka, et al. (2005). "A new subtype (subgenotype) Ac (A3) of hepatitis B virus and recombination between genotypes A and E in Cameroon." <i>J Gen Virol</i> 86(Pt 7): 2047-56.	15958684	1095
				total studies	17	3,501		100.00%		100.00%			
				males	3								
				females	6								
				both	8								

* indicates publication year; survey year not reported