

Supplementary Table 2: Prevalence of HBV infection and HBsAg testing rates, 2015 to 2019

Testing Year	Prevalence (HBsAg positive cases) per 100,000 population								HBsAg testing rate per 100,000 population							
						2015 - 2019								2015 - 2019		
	2015	2016	2017	2018	2019	Median	Lower 95% CI	Upper 95% CI	2015	2016	2017	2018	2019	Median	Lower 95% CI	Upper 95% CI
Annual	56.14	71.85	74.17	62.81	67.76	67.76	56.14	74.17	574.34	756.73	798.94	740.45	838.03	756.73	574.34	838.03
Female	49.33	63.69	65.56	53.06	58.14	58.14	49.33	65.56	682.18	902.25	950.22	875.55	1005.88	902.25	682.18	1005.88
Male	61.48	78.14	81.06	71.13	75.26	75.26	61.48	81.06	442.25	582.87	619.37	577.04	629.74	582.87	442.25	629.74
Age Group 0-4	3.66	4.27	5.10	3.61	3.23	3.66	3.23	5.10	79.45	83.19	82.80	83.70	84.39	83.19	79.45	84.39
<i>Female</i>	3.02	3.90	4.95	3.15	2.83	3.15	2.83	4.95	76.56	85.46	83.80	82.21	82.49	82.49	76.56	85.46
<i>Male</i>	4.07	4.31	5.13	3.86	3.55	4.07	3.55	5.13	76.57	76.22	77.32	80.67	80.63	77.32	76.22	80.67
Age Group 5-9	1.69	1.91	1.95	1.08	0.98	1.69	0.98	1.95	62.19	63.83	63.32	57.92	58.51	62.19	57.92	63.83
<i>Female</i>	1.60	1.86	1.92	1.06	0.88	1.60	0.88	1.92	68.92	71.76	70.64	66.86	66.64	68.92	66.64	71.76
<i>Male</i>	1.57	1.93	1.87	1.00	1.03	1.57	1.00	1.93	52.04	53.04	53.99	46.15	47.34	52.04	46.15	53.99
Age Group 10-14	2.91	2.99	3.49	2.05	2.40	2.91	2.05	3.49	94.25	110.49	114.72	105.73	111.44	110.49	94.25	114.72
<i>Female</i>	3.74	3.47	3.59	2.57	2.86	3.47	2.57	3.74	115.86	142.10	146.27	139.29	146.47	142.10	115.86	146.47
<i>Male</i>	2.05	2.48	3.32	1.43	1.75	2.05	1.43	3.32	69.68	76.00	79.80	69.77	72.23	72.23	69.68	79.80
Age Group 15-19	11.62	13.57	14.29	10.61	11.67	11.67	10.61	14.29	230.68	310.69	336.21	327.70	489.21	327.70	230.68	489.21
<i>Female</i>	16.81	21.15	21.07	14.71	16.19	16.81	14.71	21.15	352.52	478.84	514.83	498.74	765.84	498.74	352.52	765.84
<i>Male</i>	6.29	5.64	7.29	6.30	6.70	6.30	5.64	7.29	103.14	135.49	151.41	149.24	187.97	149.24	103.14	187.97
Age Group 20-24	52.97	65.54	60.68	43.03	44.87	52.97	43.03	65.54	576.92	779.75	842.94	818.15	1077.00	818.15	576.92	1077.00
<i>Female</i>	69.35	88.63	81.26	58.01	63.06	69.35	58.01	88.63	908.89	1235.65	1335.43	1284.20	1689.03	1284.20	908.89	1689.03
<i>Male</i>	35.04	40.62	39.01	27.01	25.13	35.04	25.13	40.62	235.48	311.19	337.14	334.82	428.78	334.82	235.48	428.78
Age Group 25-29	90.76	116.52	118.16	99.81	105.60	105.60	90.76	118.16	882.05	1195.29	1258.85	1185.89	1372.69	1195.29	882.05	1372.69
<i>Female</i>	100.64	129.96	133.84	114.89	120.61	120.61	100.64	133.84	1255.16	1716.84	1815.07	1710.18	1968.75	1716.84	1255.16	1968.75
<i>Male</i>	78.36	99.84	99.69	82.39	86.79	86.79	78.36	99.84	498.40	658.98	692.49	646.14	746.20	658.98	498.40	746.20
Age Group 30-34	119.92	154.02	159.27	131.94	143.70	143.70	119.92	159.27	1113.15	1479.50	1561.27	1385.10	1508.19	1479.50	1113.15	1561.27
<i>Female</i>	111.69	145.03	155.64	122.28	132.37	132.37	111.69	155.64	1422.49	1885.92	2003.72	1767.42	1933.66	1885.92	1422.49	2003.72
<i>Male</i>	125.32	158.67	158.99	137.56	149.08	149.08	125.32	158.99	789.97	1055.59	1105.22	983.96	1052.32	1052.32	789.97	1105.22
Age Group 35-39	133.64	170.81	174.06	155.00	163.96	163.96	133.64	174.06	1172.69	1541.31	1603.30	1470.01	1597.05	1541.31	1172.69	1603.30
<i>Female</i>	103.84	132.70	141.59	118.87	132.41	132.41	103.84	141.59	1321.33	1751.65	1836.13	1671.59	1842.51	1751.65	1321.33	1842.51
<i>Male</i>	160.20	204.60	201.84	185.90	190.17	190.17	160.20	204.60	997.14	1300.13	1337.80	1238.04	1310.26	1300.13	997.14	1337.80
Age Group 40-44	117.46	154.29	165.09	146.97	153.46	153.46	117.46	165.09	1068.59	1445.49	1528.49	1360.90	1459.22	1445.49	1068.59	1528.49
<i>Female</i>	82.12	109.11	111.06	99.84	108.31	108.31	82.12	111.06	1111.90	1483.49	1546.81	1364.10	1503.61	1483.49	1111.90	1546.81
<i>Male</i>	152.20	197.62	217.97	192.40	194.36	194.36	152.20	217.97	1000.30	1375.45	1477.29	1323.97	1369.68	1369.68	1000.30	1477.29
Age Group 45-49	89.17	121.51	127.10	113.84	120.83	120.83	89.17	127.10	893.37	1201.69	1266.06	1163.85	1236.56	1201.69	893.37	1266.06
<i>Female</i>	58.24	80.42	81.83	69.08	79.54	79.54	58.24	81.83	869.98	1164.59	1222.25	1112.10	1189.00	1164.59	869.98	1222.25
<i>Male</i>	123.92	166.05	174.65	161.11	162.44	162.44	123.92	174.65	900.52	1219.17	1291.61	1192.13	1251.44	1219.17	900.52	1291.61
Age Group 50-54	66.39	87.09	92.21	80.23	90.81	87.09	66.39	92.21	754.14	1000.13	1041.77	941.27	1022.31	1000.13	754.14	1041.77
<i>Female</i>	45.79	62.72	63.87	51.20	58.14	58.14	45.79	63.87	737.30	965.14	980.81	880.40	958.05	958.05	737.30	980.81
<i>Male</i>	90.17	116.32	126.22	114.96	128.24	116.32	90.17	128.24	756.79	1023.15	1098.54	995.06	1073.46	1023.15	756.79	1098.54
Age Group 55-59	46.53	61.32	65.17	56.63	63.76	61.32	46.53	65.17	605.72	793.80	837.11	786.49	851.72	793.80	605.72	851.72
<i>Female</i>	31.40	42.82	42.08	36.08	41.13	41.13	31.40	42.82	570.57	736.24	769.77	719.86	790.78	736.24	570.57	790.78
<i>Male</i>	65.29	84.06	94.15	82.26	91.81	84.06	65.29	94.15	637.61	849.48	907.81	856.70	906.19	856.70	637.61	907.81
Age Group 60+	26.14	31.33	34.05	27.68	29.57	29.57	26.14	34.05	372.70	454.14	479.82	482.93	513.19	479.82	372.70	513.19
<i>Female</i>	17.97	21.35	24.65	18.03	18.95	18.95	17.97	24.65	322.94	394.72	412.77	412.90	442.71	412.77	322.94	442.71
<i>Male</i>	38.13	45.78	47.46	41.84	45.37	45.37	38.13	47.46	439.27	535.80	574.10	579.63	606.22	574.10	439.27	606.22
Province																
<i>Eastern Cape</i>	61.66	72.39	80.41	72.91	70.86	72.39	61.66	80.41	689.35	813.35	881.39	813.92	859.04	813.92	689.35	881.39
<i>Free State</i>	56.28	66.51	59.52	50.49	67.08	59.52	50.49	67.08	603.16	734.48	731.19	636.06	760.87	731.19	603.16	760.87
<i>Gauteng</i>	74.74	106.75	108.55	89.62	101.40	101.40	74.74	108.55	838.80	1237.12	1313.98	1175.42	1381.69	1237.12	838.80	1381.69
<i>Kwazulu-Natal</i>	67.82	77.17	67.81	63.91	71.16	67.82	63.91	77.17	636.60	773.99	720.16	734.16	859.38	734.16	636.60	859.38
<i>Limpopo</i>	33.74	41.75	53.82	28.01	20.59	33.74	20.59	53.82	175.27	256.72	275.67	234.88	216.80	234.88	175.27	275.67
<i>Mpumalanga</i>	43.46	69.40	87.96	63.56	66.61	66.61	43.46	87.96	282.05	464.96	648.54	519.32	538.35	519.32	282.05	648.54
<i>North West</i>	33.39	49.79	53.01	57.91	63.72	53.01	33.39	63.72	308.56	523.72	602.98	646.98	719.42	602.98	308.56	719.42
<i>Northern Cape</i>	30.12	31.29	30.90	33.64	31.02	31.02	30.12	33.64	471.21	452.74	446.62	467.40	483.43	467.40	446.62	483.43
<i>Western Cape</i>	37.55	38.13	38.97	35.62	36.00	37.55	35.62	38.97	501.62	476.42	498.27	464.63	488.69	488.69	464.63	501.62