

Results

Table (1): Comparison between prevalence of HBsAg in Kalubia in year 2002 and 2003.

Governorate	Prevalence of HBsAg	Lower 95% CI	Upper 95% CI	P value
Kalubia 2002	2.58	2.39	2.77	< 0.05
Kalubia 2003	2.03	1.85	2.21	

This table shows comparison between HBsAg prevalence in Kalubia governorate in year 2002 and 2003 which appear that it decreased from 2.59 in 2002 to 2.03 in 2003 which is significant.

Table (2): Comparison of HBsAg prevalence in Greater Cairo Governorates in 2002.

Governorate	Prevalence of HBsAg	Lower 95% CI	Upper 95% CI	P value
Kalubia	2.58	2.39	2.77	< 0.05
Cairo	2.11	1.94	2.28	
Kalubia	2.58	2.39	2.77	<0.05
Giza	1.93	1.63	2.22	

Showing comparison between HBsAg prevalence in year 2002 between greater Cairo governorates and its prevalence in Kalubia governorates which showing significant difference.

Table (3): Comparison of HBsAg prevalence in Nile Egypt Governorates in 2002.

Governorate	Prevalence of HBsAg	Lower 95% CI	Upper 95% CI	P value
Kalubia	2.58	2.39	2.77	< 0.05
El Monofia	3.35	3.09	3.61	
Kalubia	2.58	2.39	2.77	>0.05
Sharkia	2.78	2.67	2.98	
Kalubia	2.58	2.39	2.77	<0.05
Gherbia	2.09	1.92	2.26	
Kalubia	2.58	2.39	2.77	>0.05
El Beheria	2.61	2.45	2.77	
Kalubia	2.58	2.39	2.77	<0.05
Domiat	0.11	0.06	0.16	
Kalubia	2.58	2.39	2.77	<0.05
Dakahlia	1.02	0.93	1.12	
Kalubia	2.58	2.39	2.77	<0.05
Kafer El Sheikh	1.18	1.05	1.31	

This table shows comparison of HBsAg prevalence in Kalubia governorate and Nile delta governorate in year 2002 which shows significant difference è El Monofia, Gherbia, Domiat, Dakahlia, Kafr ELSheikh, and insignificant difference with Sharkia and El Behera governorates.

Table (4): Comparison of HBsAg prevalence in Upper Egypt Governorates in 2002.

Governorate	Prevalence of HBsAg	Lower 95% CI	Upper 95% CI	P value
Kalubia	2.58	2.39	2.77	< 0.05
El Fayoum	1.26	1.07	1.46	
Kalubia	2.58	2.39	2.77	<0.05
Beni Suef	0.95	0.73	1.17	
Kalubia	2.58	2.39	2.77	<0.05
Asuit	0.13	0.02	0.24	
Kalubia	2.58	2.39	2.77	>0.05
Quena	2.62	2.26	2.98	
Kalubia	2.58	2.39	2.77	>0.05
Luxor	3.61	2.53	4.69	
Kalubia	2.58	2.39	2.77	<0.05
Sohag	0.67	0.51	0.83	
Kalubia	2.58	2.39	2.77	>0.05
Aswan	2.36	2.02	2.7	
Kalubia	2.58	2.39	2.77	<0.05
El Menia	2.12	1.88	2.36	

This table showing comparison between HBsAg prevalence in Kalubia governorate and upper Egypt governorate in year 2002 showing significant El Fayoum – Beni suef – Asuit – Sohag- El Menia and in significant result with Quena – luxor – Asuan.

Table (5): Comparison of HBsAg prevalence in Sea Shore Governorates in 2002.

Governorate	Prevalence of HBsAg	Lower 95% CI	Upper 95% CI	P value
Kalubia	2.58	2.39	2.77	< 0.05
Port said	0.15	0.08	0.22	
Kalubia	2.58	2.39	2.77	<0.05
Seuz	1.03	0.77	1.29	
Kalubia	2.58	2.39	2.77	<0.05
Ismailia	1.11	0.83	1.39	
Kalubia	2.58	2.39	2.77	<0.05
Marsa Matrouh	0.38	0.14	0.62	
Kalubia	2.58	2.39	2.77	<0.05
Alexandria	1.78	1.67	1.89	

This table showing comparison between HBsAg prevalence in Kalubia governorate and Sea Shore governorates in year 2002 which shows significant difference with these governorates.

Table (6): Comparison of HBsAg prevalence in Far Governorates in 2002.

Governorate	Prevalence of HBsAg	Lower 95% CI	Upper 95% CI	P value
Kalubia	6.94	6.63	7.25	< 0.05
El wadi El Gedeed	1.01	0.5	1.52	
Kalubia	6.94	6.63	7.25	>0.05
El Baher El Ahmar	4.36	2.44	6.28	
Kalubia	6.94	6.63	7.25	<0.05
North Sinai	1.41	0.89	1.93	
Kalubia	6.94	6.63	7.25	<0.05
South Sinai	0.45	0	1.33	

This table showing comparison between HBsAg prevalence in Kalubia governorates and far governorates which showing significant difference with these governorates except El Baher El Ahmer governorate which showing non significant difference.

Table (7): Comparison between prevalence of HCV-Ab in Kalubia in year 2002 and 2003.

Governorate	Prevalence of HCV-Ab	Lower 95% CI	Upper 95% CI	P value
Kalubia 2002	6.94	6.63	7.25	< 0.05
Kalubia 2003	8.3	8.12	8.48	

Showing comparison between prevalence of HCV-Ab in Kalubia in year 2002 and 2003 which showing significant difference.

Table (8): Comparison of HCV-Ab prevalence in Greater Cairo Governorates in 2002.

Governorate	Prevalence of HCV-Ab	Lower 95% CI	Upper 95% CI	P value
Kalubia	6.94	6.63	7.25	< 0.05
Cairo	4.88	4.62	5.14	
Kalubia	6.94	6.63	7.25	<0.05
Giza	2.22	1.9	2.54	

Showing comparison of HCV-Ab prevalence in greater Cairo governorates which showing significant difference.

Table (9): Comparison of HCV-Ab prevalence in Nile Egypt Governorates in 2002.

Governorate	Prevalence of HCV-Ab	Lower 95% CI	Upper 95% CI	P value
Kalubia	6.94	6.63	7.25	< 0.05
El Monofia	14.64	14.13	15.15	
Kalubia	6.94	6.63	7.25	<0.05
Sharkia	19.31	18.83	19.78	
Kalubia	6.94	6.63	7.25	<0.05
Gherbia	10.07	9.72	10.42	
Kalubia	6.94	6.63	7.25	<0.05
El Behera	10.94	10.63	11.25	
Kalubia	6.94	6.63	7.25	>0.05
Domiat	7.51	7.15	7.87	
Kalubia	6.94	6.63	7.25	<0.05
Dakahlia	6.24	6.01	6.47	
Kalubia	6.94	6.63	7.25	<0.05
Kafer El Shiekh	6.17	5.87	6.47	

Showing comparison between HCV-Ab prevalence in Kalubia and Nile delta governorates showing significant difference with those governorates except Domiat which showing non significant difference.

Table (10): Comparison of HCV-Ab prevalence in Upper Egypt Governorates in 2002.

Governorate	Prevalence of HCV-Ab	Lower 95% CI	Upper 95% CI	P value
Kalubia	6.94	6.63	7.25	< 0.05
El Fayoum	3.85	3.51	4.19	
Kalubia	6.94	6.63	7.25	<0.05
Beni Suef	4.44	3.97	4.91	
Kalubia	6.94	6.63	7.25	<0.05
Asuit	0.11	2.82	3.04	
Kalubia	6.94	6.63	7.25	<0.05
Quena	5.63	5.13	6.13	
Kalubia	6.94	6.63	7.25	<0.05
Luxor	4.05	2.91	5.19	
Kalubia	6.94	6.63	7.25	<0.05
Sohag	4.23	3.83	4.63	
Kalubia	6.94	6.63	7.25	<0.05
Aswan	3.14	2.75	3.53	
Kalubia	6.94	6.63	7.25	<0.05
El Menia	12.28	11.74	12.82	

This table showing comparison between HCV-Ab prevalence in Kalubia and upper Egypt governorate which showing significant difference with those governorates.

Table (11): Comparison of HCV-Ab prevalence in Sea Shore Governorates in 2002.

Governorate	Prevalence of HCV-Ab	Lower 95% CI	Upper 95% CI	P value
Kalubia	6.94	6.63	7.25	< 0.05
Port said	5.54	5.12	5.96	
Kalubia	6.94	6.63	7.25	<0.05
Seuz	4.64	4.1	5.18	
Kalubia	6.94	6.63	7.25	<0.05
Ismailia	3.81	3.31	4.31	
Kalubia	6.94	6.63	7.25	<0.05
Marsa Matrouh	1.08	0.68	1.48	
Kalubia	6.94	6.63	7.25	<0.05
Alexandria	4.76	4.64	4.88	

This table showing comparison between HCV-Ab prevalence in Kalubia and Sea Shore governorates which showing significant difference with those governorate.

Table (12): Comparison of HCV-Ab prevalence in Far Governorates in 2002.

Governorate	Prevalence of HCV-Ab	Lower 95% CI	Upper 95% CI	P value
Kalubia	6.94	6.63	7.25	< 0.05
El wadi El Gedeed	5.06	3.94	6.18	
Kalubia	6.94	6.63	7.25	<0.05
El Baher El Ahmar	14.45	11.15	17.75	
Kalubia	6.94	6.63	7.25	<0.05
North Sinai	2.37	1.7	3.04	
Kalubia	6.94	6.63	7.25	<0.05
South Sinai	1.82	0.02	3.62	

This table showing comparison between HCV-Ab prevalence in Kalubia and far governorate which showing significant difference with those governorates.