Table 1 Prevalence of dental caries indices in children classified according to school sector, sex, age, systemic disease, location and smoking

Variable	Frequency Total = 7902 (100%)	Prevalence (%)	Decayed teeth	Missing teeth	Filled teeth	DMFT
Governorate						
Beirut	8.0	545(86.4%)	1.57[a]	0.09[d]	2.43[c]	4.10[a]
Beqaa	14.6	1065(92.5%)	4.14[d]	0.06[b]	2.62[c]	6.82[d]
South of Lebanon	10.9	791(92.1%)	4.28[d]	0.07	1.84[a]	6.19[c]
North of Lebanon	23.6	1695(90.9%)	3.44[c]	0.06[b]	1.76[a]	5.25[b]
Mount Lebanon	35.5	2428(86.5%)	2.16[b]	0.03[a]	2.17[b]	4.37[a]
Nabatiyeh	7.5	551(93.4%)	3.16[c]	0.06[b]	2.42[c]	5.63[b]
Pvalue	–	<0.001	<0.001	<0.001	<0.001	<0.001
School						
Private	56.1	3750(84.6%)	2.07	0.05	2.12	4.23
Public	43.9	3325(95.9%)	4.22	0.06	2.17	6.44
Pvalue	–	<0.001	<0.001	0.503	0.224	<0.001
Sex						
Male	48.2	3401(89.4%)	3.02	0.05	2.08	5.15
Female	51.8	3674(89.7%)	2.99	0.06	2.20	5.26
Pvalue	–	0.623	0.654	0.056	0.007	0.170
Age						
12 years	50.4	3528(88.6%)	2.83	0.06	2.01	4.90
15 years	49.6	3547(90.5%)	3.19	0.05	2.27	5.51
Pvalue	–	0.004	<0.001	0.056	<0.001	<0.001
General disease						
Presence	1.0	70(89.7%)	3.28	0.05	2.15	5.49
Absence	99.0	7005(89.5%)	3.01	0.05	2.14	5.20
Pvalue	–	0.952	0.408	0.942	0.960	0.480
Type of general diseases						
Asthma	23.1	17(94.4%)	3.11	.00	2.17	5.28
Diabetes	57.7	39(86.7%)	3.51	.07	2.07	5.64
Epilepsy	6.4	5(100.0%)	2.20	.00	3.00	5.20
Hearing trouble	5.1	4(100.0%)	2.75	.00	1.75	4.50
Haemophilia	5.1	3(75.0%)	2.25	.00	2.50	4.75
Hypertension	2.6	2(100.0%)	5.50	.50	2.00	8.00
Pvalue	–	0.685	0.801	0.256	0.946	0.932
Location						
Rural	22.9	1710(94.4%)	3.96[c]	0.05[a]	2.36[c]	6.37
Urban	14.1	944(85.0%)	1.79[a]	0.08[b]	1.96[a]	3.84[a]
Suburban	63.0	4421(88.8%)	2.93[b]	0.05[a]	2.10[b]	5.09[b]
Pvalue	–	<0.001	<0.001	<0.001	<0.001	<0.001
Smoking status						
Yes	11.6	816(88.9%)	3.11	0.05	2.18	5.34
No	88.4	6259(89.6%)	3.00	0.05	2.14	5.19
Pvalue	–	0.497	0.283	0.321	0.535	0.234

For each column different lowercase letters indicate significant differences (P < 0.05) as measured by one-way analysis of variance followed by Tukey posthoc tests.
DMFT = decayed, missing and filled teeth.