

Table 1 Characteristics of the last three cholera epidemics (1998, 2005, 2011) in the Islamic Republic of Iran

Attribute	Year						Adjusted OR (95% CI)
	1998 (n = 9752)		2005 (n = 1133)		2011 (n = 1187)		
	No.	%	No.	%	No.	%	
Month							
July	209	2.14	38	3.35	58	4.88	Reference
August	1503	15.41	586	51.71	182	15.33	0.52 (0.49–0.55)
September	5562	57.03	349	30.68	913	76.92	
October	1321	13.54	125	11.03	32	2.69	
November	1038	10.64	31	2.73	2	0.18	
December	119	1.22	4	0.35	–	–	
Age (years)							
< 1	273	2.79	24	2.11	15	1.26	Reference
1–4	446	4.57	60	5.29	57	4.80	0.82 (0.81–0.84)
5–9	234	2.39	49	4.32	45	3.79	
10–14	254	2.60	49	4.32	60	5.05	
15–24	1102	11.30	310	27.36	242	20.38	
25–34	1122	11.50	275	24.27	268	22.57	
35–44	986	10.11	132	11.56	207	17.44	
45–54	1092	11.19	88	7.76	109	9.18	
55–64	1199	12.29	69	6.09	58	4.88	
≥ 64	3042	31.19	77	6.79	126	10.61	
Sex							
Male	5168	52.99	600	52.95	550	46.33	Reference
Female	4584	47.01	533	47.04	637	53.67	1.16 (1.06–1.27)
Domicile							
Urban area	6086	62.41	895	78.99	802	67.56	Reference
Rural area	3666	37.59	238	21.01	385	32.44	0.63 (0.56–0.69)
Nationality							
Iranian	9166	93.99	1102	97.27	1128	95.03	Reference
Afghan	507	5.19	26	2.29	54	4.54	0.68 (0.56–0.83)
Pakistani	79	0.82	5	0.44	5	0.43	
Severity							
Hospitalized	2555	26.19	227	20.04	386	32.52	Reference
Outpatient	7197	73.81	906	79.96	801	67.48	0.95 (0.85–1.08)
Serotype							
Inaba	92	0.94	1122	99.03	12	1.01	Reference
Ogawa	9603	98.47	11	0.97	1175	98.99	0.08 (0.07–0.09)
Hikojima	57	0.59	–	–	–	–	
Treatment outcome							
Cured	9642	98.88	1122	99.03	1175	98.99	Reference
Died	110	1.12	11	0.97	12	1.01	0.88 (0.56–1.38)