

Table 2 Distributions of annual rates of unintentional fatal and non-fatal drownings between 2005/06 and 2008/09 in residents and tourists of water-recreation areas at the Caspian Sea in northern Islamic Republic of Iran: comparison of the intervention area (Guilan province) and control area (Mazandaran province)

Variable	Years			
	Baseline period		Intervention period	
	2005–06	2006–07	2007–08	2008–09
Total no. of cases				
Intervention area	76	126	218	161
Control area	183	207	206	290
No. of drownings (fatal)				
Intervention area	49	67	101	32
Control area	112	132	115	148
No. of near-drownings (non-fatal)				
Intervention area	27	59	117	129
Control area	71	75	91	142
Estimated population proportion fatal cases) (%) (95% CI)				
Intervention area	0.64 (0.53–0.74)	0.53 (0.49–0.62)	0.46 (0.40–0.53)	0.20 (0.14–0.27)
Control area	0.62 (0.54–0.68)	0.64 (0.57–0.70)	0.56 (0.49–0.62)	0.51 (0.45–0.57)
Estimated population OR (95% CI)				
Intervention area	1.81 (1.14–2.89)	1.14 (0.80–1.61)	0.86 (0.66–1.13)	0.25 (0.17–0.36)
Control area	1.58 (1.17–2.12)	1.76 (1.33–2.33)	1.26 (0.96–1.66)	1.04 (0.83–1.31)
Population OR (95% CI) comparing intervention and control areas				
Intervention area	1.15 (0.66–2.01)	0.65 (0.41–1.01)	0.68 (0.47–1.00)	0.24 (0.15–0.37)
Control area	ref	ref	ref	ref
RR (95% CI), comparing intervention and control areas				
Intervention area	1.05 (0.86–1.29)	0.83 (0.69–1.01)	0.88 (0.73–1.06)	0.39 (0.28–0.54)
Control area	ref	ref	ref	ref
RR (95% CI) reduction (%) comparing intervention and control areas				
Intervention area	–0.05 (–0.25–0.16)	0.17 (–0.00–0.33)	0.12 (–0.06–0.29)	0.61 (0.44–0.76)
Control area	ref	ref	ref	ref

OR = odds ratio; RR = relative risk; CI = confidence interval.