Table S1. Sensitivity analysis of social vulnerability variables.

Variable	IRR (95% CI)
Theme-1 (Socioeconomic)	1.70(0.77-3.73)
Theme-2 (Household composition & Disability)	3.19(1.57-6.47)
Theme-3 (Minority status & Language)	6.84(3.08-15.19)
Theme-4 (Housing & Transportation)	1.10(0.49-2.46)
All themes (Overall vulnerability)	1.62 (0.75-3.49)
Persons below poverty estimate[1]	0.59(0.27-1.27)
Civilian (age 16+) unemployed estimate[1]*	2.65(1.19-5.93)
Per capita income estimate[1]	0.58(0.25-1.34)
Persons with no high school diploma (age 25+)[1]	1.06(0.45-2.53)
Persons aged 65 and older[2+]	0.07(0.02-0.24)
Persons aged 17 and younger[2+]	3.83(1.76-8.34)
Single parent households with children under 18[2*]	2.49(1.12-5.50)
Minority (all persons except white, non-Hispanic)[3]*	5.48(2.35-12.74)
Persons (age 5+) who speak English "less than well" estimate[3]*	6.03(3.13-11.60)
Housing in structures with 10 or more units estimate[4]	2.43(0.97-6.07)
Mobile homes estimate[4]	0.23(0.07-1.00)
Households with more people than rooms estimate[4]	0.68(0.30-1.55)
Households with no vehicle available estimate[4]	1.06(0.48-2.31)
Persons in institutionalized and noninstitutionalized group quarter[4]	0.55(0.22-1.19)

* - Significant estimates-Included in adjusted_1 model); [+] - Significant estimates-Not included in the adjusted_1 model (Age related variables excluded in adjusted_1 model as the analysis is restricted to pediatric population); [1] - Theme 1 variables; [2] - Theme 2 variables; [3] - Theme 3 variables; [4] - Theme 4 variables; the variables are percentile proportions per watershed. The IRR and 95% confidence intervals were estimated using a generalized linear model accounting for pediatric population density.