

Appendix 1 (as supplied by the authors): Supplemental tables

Supplemental Table S1: Total number of cases based on food trigger and on the week before and after each holiday

		Holiday					
		Halloween	Christmas	Easter	Diwali	Chinese New Year	Eid al-Adha
		Unknown nut-induced anaphylaxis					
Total number of cases	Week before	28	29	29	25	26	17
	Week after	36	26	37	28	14	27
		Peanut-induced anaphylaxis					
Total number of cases	Week before	18	11	13	12	13	9
	Week after	19	10	19	16	7	11
		Tree nut-induced anaphylaxis					
Total number of cases	Week before	6	10	11	9	11	6
	Week after	9	10	13	8	5	11

Supplemental Table S2: Mean number of cases per day and incidence rate ratios, based on food trigger and on the week before and after each holiday

		Holiday					
		Halloween	Christmas	Easter	Diwali	Chinese New Year	Eid al-Adha
Unknown nut-induced anaphylaxis							
Number of cases per day	Week before	0.44	0.46	0.46	0.40	0.46	0.27
	Week after	0.57	0.41	0.59	0.44	0.25	0.43
Incidence rate ratio (95% CI)		1.29 (0.37-4.50)	0.90 (0.53-1.52)	1.28 (0.37-4.44)	1.12 (0.65-1.92)	0.54 (0.23-1.03)	1.59 (0.87-2.91)
Peanut-induced anaphylaxis							
Number of cases per day	Week before	0.29	0.17	0.21	0.19	0.23	0.14
	Week after	0.30	0.16	0.30	0.25	0.13	0.17
Incidence rate ratio (95% CI)		1.06 (0.15-7.26)	0.91 (0.39-2.14)	1.46 (0.20-10.44)	1.33 (0.63-2.82)	0.54 (0.21-1.35)	1.22 (0.51-2.95)
Tree nut-induced anaphylaxis							
Number of cases per day	Week before	0.10	0.16	0.17	0.14	0.20	0.10
	Week after	0.14	0.16	0.21	0.13	0.09	0.17
Incidence rate ratio (95% CI)		1.50 (0.16-13.97)	1.00 (0.42-2.40)	1.18 (0.15-9.32)	0.89 (0.34-2.30)	0.45 (0.16-1.31)	1.83 (0.68-4.96)

Supplemental Table S3: Multivariable regression between anaphylaxis on a given holiday and age, sex, peanut/tree nut culprit*

Outcome: Anaphylaxis on a specific holiday	Odds ratio (95% CI)
Peanut (vs not peanut) on Halloween	1.243 (0.621-2.488)
Age	1.023 (0.958-1.093)
Sex	0.835 (0.414-1.682)
Peanut (vs not peanut) on Christmas	0.607 (0.219-1.686)
Age	1.079 (0.981-1.185)
Sex	2.812 (0.794-9.956)
Peanut (vs not peanut) on Easter	0.836 (0.416-1.679)
Age	1.104 (1.034-1.178)**
Sex	1.146 (0.557-2.361)
Tree nut (vs not tree nut) on Halloween	0.729 (0.336-1.584)
Age	1.022 (0.957-1.091)
Sex	0.846 (0.420-1.706)
Tree nut (vs not tree nut) on Christmas	1.500 (0.552-4.076)
Age	1.079 (0.982-1.185)
Sex	2.748 (0.776-9.734)
Tree nut (vs not tree nut) on Easter	1.335 (0.654-2.725)
Age	1.105 (1.035-1.180)**
Sex	1.129 (0.548-2.327)

***Covariates for the multivariable analysis are: holiday, age, sex, peanut or tree nut culprit.**

****Older children were more likely to present to the ED during Easter. This is reflected in ANOVA for age in Table 1.**