

TABLE E1. Early exposure to dust mite allergen and asthma, rhinitis, and atopy

Allergen levels	Asthma				Allergic rhinitis				Atopy (sensitization to ≥ 1 allergen)			
	Yes	No	Unadjusted	Adjusted†	Yes	No	OR (95% CI)		Yes	No	Unadjusted	Adjusted§
							Unadjusted	Adjusted‡				
Der p or Der f, child's bed ($\mu\text{g/g}$)												
<0.05	14	184	1.0	1.0	24	174	1.0	1.0	67	56	1.0	1.0
≥ 0.05 to <0.69	11	69	2.1 (0.9-4.9)	1.3 (0.5-3.3)	12	68	1.3 (0.6-2.7)	1.7 (0.7-3.7)	26	22	1.0 (0.5-1.9)	0.9 (0.5-1.9)
≥ 0.69 to <2.73	5	76	0.9 (0.3-2.5)	0.9 (0.3-2.7)	14	67	1.5 (0.7-3.1)	1.5 (0.7-3.2)	23	23	0.8 (0.4-1.6)	0.9 (0.5-1.9)
≥ 2.73	13	67	2.6 (1.1-5.7)*	2.8 (1.2-6.5)*	14	66	1.5 (0.3-2.8)	1.9 (0.9-4.3)	32	20	1.3 (0.7-2.6)	1.3 (0.7-2.6)

* $P < .05$.

†Adjusted for sex, household income, maternal asthma, living in a single-family home, and bottle-feeding before bedtime or sleep in the first year of life.

‡Adjusted for maternal hay fever, living in a single detached home, low birth weight, number of older siblings, and quartiles of endotoxin exposure at age 2 to 3 months.

§Adjusted for sex and household income.

||Nondetectable (reference category) vs tertiles of detectable levels.

TABLE E2. Early exposure to dust mite allergen and transient, persistent, and late-onset wheeze

Allergen levels‡	Wheeze									
	Never (reference)	Transient	Unadjusted	Adjusted†	OR (95% CI)			Late-onset	Unadjusted	Adjusted†
					Persistent	Unadjusted	Adjusted†			
Der p or Der f, child's bed (µg/g)										
<0.05	76	70	1.0	1.0	28	1.0		10	1.0	1.0
≥0.05	21	29	1.5 (0.8-2.9)	1.5 (0.8-3.0)	17	2.2 (1.0-4.8)*	2.0 (0.9-4.6)	4	1.4(0.4-5.1)	1.0 (0.2-4.1)
to <0.69										
≥0.69	31	37	1.3 (0.7-2.3)	1.2 (0.7-2.3)	3	0.3 (0.1-0.9)*	0.3 (0.1-1.1)	7	1.7 (0.6-4.9)	1.9 (0.7-5.7)
to <2.73										
≥2.73	23	21	1.0 (0.5-1.9)	0.9 (0.5-1.9)	16	1.9 (0.9-4.1)	2.1 (0.9-4.5)	11	3.6 (1.4-9.6)*	3.9 (1.4-10.7)*

**P* < .05.

†Adjusted for sex and household income.

‡Nondetectable (reference category) vs tertiles of detectable levels.