

Prevalence of and improvement in asthma triggers and trigger promoting conditions, by recruitment group

Asthma triggers	TARGETED 140 dwellings			REFERRED 307 dwellings			CANVASSED 457 dwellings		
	Initial visit	Revisit*		Initial visit	Revisit*		Initial visit	Revisit*	
		Percent improved**	95% CI		Percent improved**	95% CI		Percent improved**	95% CI
Smoking in the home (A)	25.7%	11.1	0, 22.8	33.2%	12.9	5.9, 19.9	42.9%	9.3	4.9, 13.6
Rodents (A)	10.7%	100	96.7,100	11.7%	61.1	43.8,78.4	20.8%	45.3	34.7, 55.8
Rats	7.1%	100	95, 100	3.3%	90.0	66.4, 100	2.2%	80.0	50.2, 100
Mice	5.7%	100	93.8, 100	9.5%	51.7	31.8, 71.6	19.5%	40.2	29.4, 51.1
Cockroaches (A)	6.4%	55.6	17.5, 93.6	5.9%	55.6	29.8, 81.3	14.2%	40.6	27.8, 53.4
Mold/mildew (A)	40.3%	58.9	45.2, 72.7	31.1%	44.7	34.1, 55.3	10.2%	60.0	44.6, 75.4
Pets with fur/feathers (A)	42.5%	0	0, 0	39.5%	5.0	0.6,9.3	36.4%	5.7	1.2, 9.6
Sleeps with pets	47.5%	60.7	40.8, 80.6	48.3%	40.0	26.1, 53.9	42.1%	6.8	0, 14.0
Significant dust accumulation or lacks effective housecleaning (A)	30.7%	2.3	0,8.0	22.8%	18.6	8.8,28.4	18.4%	26.2	16.2, 36.2
Significant dust accumulation	30.7%	93.0	84.3,100	9.8%	16.7	1.6, 31.7	12.8%	12.3	2.9, 21.7
Lacks effective housecleaning	4.3%	100	91.7, 100	7.5%	45.2	26.0, 64.3	14.4%	18.2	8.1, 28.2
Significant clutter	29.3%	48.8	32.3, 65.3	30.2%	51.7	40.8, 62.5	15.6%	23.2	12.5, 33.9
Plumbing, roofing or structural leaks (A)	10.7%	100	96.7, 100	9.4%	92.9	81.5, 100	10.4%	93.6	85.6, 100
Plumbing leak	7.9%	100	95.5,100	6.6%	65.0	41.6, 88.4	6.9%	74.2	57.2, 91.2
Roofing or structural leak	2.9%	100	87.5,100	4.7%	50	20.2, 79.8	5.7%	60.0	38.8, 81.2
Chemical smell or odor from scented products (A)	7.9%	100	95.5,100	9.8%	60.0	40.8, 79.2	13.6%	33.9	21.3, 46.5
Chemical smell	0%	0	0,0	1.3%	50	0,100	8.5%	24.3	9.2, 39.5
Odor from scented products	7.9%	100	95.5,100	8.9%	59.3	38.9,79.6	5.3%	39.1	17.0, 61.3
Improperly stored garbage or rubbish inside dwelling (A)	0.7%	100	50.0,100	3.0%	66.7	30.3,100	4.9%	36.4	14.0, 58.7
Improperly stored garbage or rubbish in/near building (A)	0%	0	0,0	4.3%	30.8	1.8, 59.7	8.5%	31.6	15.5, 47.7

* Complete information about prevalence at revisit available online at www.nchh.org/Research/SupplementalMaterials.aspx.

** Bold values are significant at p<0.05.