Correction to: Age-related changes to environmental exposure: variation in the frequency that young children place hands and objects in their mouths

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Published online: 27 August 2019

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Correction to: Official journal of the International Society of Exposure Science <https://doi.org/10.1038/s41370-019-0115-8>

In the original version of this article, location-independent hand-mouthing frequencies, object-mouthing frequencies, and frequencies of hand contact with soil were incorrectly reported. Mobility was also incorrectly stated as

not associated with location-independent object-mouthing. (The location-specific frequencies reported in the original article were correct.) We have accordingly corrected the manuscript text, Table 2, Figures 1, 3, and 4, and the supplemental information in the pdf and html versions of the article.

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Table 2 Prevalence and frequency of observed soil (top) and feces (bottom) ingestion during observations of young children

Age group	Study	Children observed placing soil in mouth	Total children observed	%	Frequency (times/h)		
					median	mean	sd
3–5 months	This study	0	2	0	NA	NA	NA
	Bauza, 2018 ^a	0	55	–	–	–	–
	Kwong, 2016	2	21	10	0.0	0.1	0.2
	Ngure, 2013	1	7	14	1.7	1.7	NA
6–11 months	This study	8	19	42	1.1	1.3	1.0
	Bauza, 2018 ^a	13	49	27	–	–	–
	Kwong, 2016	29	104	28	0.0	0.3	0.0
	George, 2015	11	32	34	–	–	–
12–23 months	Ngure, 2013	0	7	0	–	NA	–
	This study	8	31	26	0.6	0.9	0.8
	Bauza, 2018 ^a	37	98	38	–	–	–
	Kwong, 2016	8	23	35	2.5	1.2	2.5
24–35 months	George, 2015	25	142	18	–	–	–
	Ngure, 2013	2	7	29	–	2.0	–
	This study	2	26	8	0.4	0.4	0.3
	Bauza, 2018 ^a	19	100	3	–	–	–
36–47 months	George, 2015	2	42	5	–	–	–
	This study	0	6	0	NA	NA	NA
3–23 months	Bauza, 2018 ^a	3	120	3	–	–	–
	Reid, 2018	14	30	47	–	–	–
3–5 months	This study	0	2	0	NA	NA	NA
	Kwong, 2016	0	21	0	–	NA	NA
	Ngure, 2013	0	7	0	–	NA	–
6–11 months	This study	1	19	5	0.6	0.6	NA
	Kwong, 2016	3	104	3	0.0	0.0	0.0
	Ngure, 2013	1	7	14	–	0.2	–
12–23 months	This study	0	31	0	NA	NA	NA
	Kwong, 2016	1	23	4	0.0	0.0	0.0
	Ngure, 2013	3	7	43	–	0.5	–
24–35 months	This study	0	27	0	NA	NA	NA
36–47 months	This study	0	6	0	NA	NA	NA
3–23 months	Reid, 2018	1	30	3	NA	NA	NA
6–30 months	George, 2015	1	216	0		>0.2 times/h	
0–59 months	Marquis, 1990 ^b	Not given	21	–	–	0.3	0.4

^a Caregiver-reported ingestion events in the past 7 days, rather than observed events^b Mouthing fecally contaminated hands and objects

– Value not provided

Fig. 1 Frequency of hand-to-mouth contacts not related to eating, hand-to-mouth contacts related to eating, all hand-to-mouth contacts, and object-to-mouth contacts among young children in rural Bangladesh

Fig. 3 Percentage of hand-to-mouth contacts that occurred during eating or involved other individuals and the percentage of object-to-mouth contacts that involved utensils among young children in rural Bangladesh. The dark middle lines denote the median, the edges of the boxes mark the 75th and 25th percentile, and the whiskers extend to values ± 1.5 times the interquartile range

Fig. 4 Frequency of touching water, foods, soil, and objects among young children in rural Bangladesh