

**Confirmed Elevated Blood Lead Levels (EBLs) for Children Less Than 6 Years Old
Cleveland Neighborhoods and Cuyahoga County, 2004**

	Total Tested	NEW								Level of Concern ¹ ≥10ug/dl		Level of Awareness ² ≥5ug/dl	
		Blood Level (ug/dl)								Total EBLs	Percent EBLs	Total EBLs	Percent EBLs
		5-9	10-14	15-19	20-24	25-34	35-44	45-69	70+				
Cleveland	15,435	4,824	1039	346	160	94	33	19	2	1,693	11.0%	6,517	42.2%
First Ring	5,529	1,001	143	54	21	16	3	5	0	242	4.4%	1,243	22.5%
Outer Ring	2,001	171	12	3	0	4	0	1	0	20	1.0%	191	9.5%
Cuyahoga County	23,091	6,025	1,199	405	183	114	36	25	2	1,964	8.5%	7,989	34.6%
Municipalities with >= 100 Tests³													
Brooklyn Centre	326	117	18	10	2	1	0	1	0	32	9.8%	149	45.7%
Buckeye-Shaker	429	117	24	8	2	4	1	0	0	39	9.1%	156	36.4%
Central	854	286	44	8	8	4	1	1	0	66	7.7%	352	41.2%
Clark-Fulton	622	246	51	14	17	3	1	0	0	86	13.8%	332	53.4%
Corlett	456	128	22	14	4	1	1	2	0	44	9.6%	172	37.7%
Cudell	447	137	29	14	10	3	1	0	0	57	12.8%	194	43.4%
Detroit Shoreway/Near West Side	705	265	57	22	7	3	5	2	0	96	13.6%	361	51.2%
Edgewater	136	43	9	0	0	1	0	0	0	10	7.4%	53	39.0%
Euclid Green	207	51	8	2	0	0	1	0	0	11	5.3%	62	30.0%
Fairfax	235	86	18	12	4	3	1	0	0	38	16.2%	124	52.8%
Forest Hill	649	180	72	27	10	8	3	3	0	123	19.0%	303	46.7%
Glenville	1,008	318	121	37	16	10	6	1	1	192	19.0%	510	50.6%
Goodrich/Kirtland Park	213	71	15	0	2	4	0	0	0	21	9.9%	92	43.2%
Hough	727	212	58	18	8	5	1	1	0	91	12.5%	303	41.7%
Jefferson	425	102	10	1	0	1	1	0	0	13	3.1%	115	27.1%
Kamms Corners	188	30	2	1	2	0	1	0	0	6	3.2%	36	19.1%
Kinsman	560	164	30	8	3	0	0	0	0	41	7.3%	205	36.6%
Lee-Miles	320	88	7	4	4	0	0	0	0	15	4.7%	103	32.2%
Mt. Pleasant	726	225	32	23	6	6	1	0	0	68	9.4%	293	40.4%
North Broadway	321	104	34	9	9	0	0	1	0	53	16.5%	157	48.9%
North Collinwood	466	141	24	7	2	7	0	0	1	41	8.8%	182	39.1%
Ohio City/Near West Side	303	114	23	4	0	1	2	0	0	30	9.9%	144	47.5%
Old Brooklyn	584	157	18	8	2	0	0	0	0	28	4.8%	185	31.7%
Puritas-Longmead	333	72	7	1	1	1	0	0	0	10	3.0%	82	24.6%
Riverside	145	34	2	1	0	1	0	0	0	4	2.8%	38	26.2%
South Broadway	701	234	47	19	4	3	0	2	0	75	10.7%	309	44.1%
South Collinwood	459	143	35	12	2	2	1	1	0	53	11.5%	196	42.7%
St. Clair-Superior	478	162	51	17	9	8	0	1	0	86	18.0%	248	51.9%
Stockyards	394	131	27	8	4	4	2	2	0	47	11.9%	178	45.2%
Tremont	251	102	17	6	2	3	0	0	0	28	11.2%	130	51.8%
Union-Miles	553	206	34	9	9	1	2	0	0	55	9.9%	261	47.2%
West Boulevard	517	168	36	5	3	5	1	0	0	50	9.7%	218	42.2%
Woodland Hills	510	141	45	14	2	1	0	1	0	63	12.4%	204	40.0%

Notes:

1 - The amount of lead in a child's blood is measured in micrograms of lead per tenth of a liter of blood (mcg/dl). In 1990, CDC established a lead level of 10 mcg/dl or greater as the "level-of-concern" (now commonly considered "lead-poisoned"). The level of concern is the level at which CDC recommends public health actions be initiated. At the time, CDC did not define the threshold of 10 mcg/dl as "lead poisoning," acknowledging damage below 10 mcg/dl.

2 - Recent scientific evidence indicates that children suffer from adverse effects of lead at levels below 10 mcg/dl, including intellectual impairment, attention deficit hyperactivity disorder, and stunted growth. As a result, the Cleveland Department of Public Health, Cuyahoga County Board of Health, Lakewood Department of Human Services, and Shaker Heights Health Department recommend a child blood-lead level of 5 mcg/dl be used as a new level of awareness in the region, the level at which response should be initiated.

3 - Neighborhoods with < 100 tests performed may produce unreliable estimates.

Source: Data analyzed by Epidemiology and Surveillance Services at The Cuyahoga County Board of Health.
Original data obtained through the Ohio Department of Health's Childhood Lead Poisoning Prevention Program.
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