



Childhood Lead Poisoning

The chart below presents data on Ohio children found to have high blood lead levels during calendar year 2002.

Lead poisoning is Ohio's largest preventable environmental health threat to children. Very severe lead exposure in children (blood lead levels ≥ 80 ug/dL) can cause coma, convulsions and death. Lower levels cause adverse affects on the central nervous system and kidneys. Blood lead levels as low as 10 ug/dL, which do not cause distinctive symptoms, are associated with decreased intelligence and impaired neurobehavioral development. Decreased stature or growth has also been associated with these lower blood levels.

NOTES:

1. Chart contain s preliminary data and may be updated quarterly.
2. ug/dL = a measurement tool; micrograms per deciliter of blood
3. Levels reflect the highest confirmed test for the current year.
4. Child may have been screened in previous years.

The chart below demonstrates the number of children screened and determined to have elevated blood lead levels during 2002:

County Name	Total Children Screened (0 - 72 months)	Under 10 ug/dL	10 - 14 ug/dL	15 - 19 ug/dL	20 - 24 ug/dL	25 and over ug/dL	Total EBLs
ADAMS	330	328	2	0	0	0	2
ALLEN	947	913	28	5	0	1	34
ASHLAND	302	294	8	0	0	0	8
ASHTABULA	703	672	17	4	3	7	31
ATHENS	758	747	6	3	2	0	11
AUGLAIZE	195	194	1	0	0	0	1
BELMONT	532	517	14	1	0	0	15
BROWN	349	346	2	1	0	0	3
BUTLER	1,208	1,197	9	1	1	0	11
CARROLL	132	131	1	0	0	0	1
CHAMPAIGN	341	336	5	0	0	0	5
CLARK	2,540	2,389	102	28	12	9	151
CLERMONT	907	899	5	2	0	1	8
CLINTON	226	224	2	0	0	0	2
COLUMBIANA	839	817	12	5	3	2	22
COSHOCTON	270	262	4	3	0	1	8
CRAWFORD	294	288	3	1	0	2	6

CUYAHOGA	26,239	22,946	2,045	704	297	247	3,293
DARKE	319	314	3	2	0	0	5
DEFIANCE	292	287	3	2	0	0	5
DELAWARE	334	333	0	1	0	0	1
ERIE	344	318	17	4	0	5	26
FAIRFIELD	822	810	4	4	4	0	12
FAYETTE	200	195	3	1	1	0	5
FRANKLIN	11,224	11,079	83	35	12	15	145
FULTON	193	192	1	0	0	0	1
GALLIA	505	500	5	0	0	0	5
GEAUGA	233	232	0	1	0	0	1
GREENE	564	562	2	0	0	0	2
GUERNSEY	450	442	8	0	0	0	8
HAMILTON	8,089	7,679	235	94	33	48	410
HANCOCK	92	91	1	0	0	0	1
HARDIN	211	209	2	0	0	0	2
HARRISON	207	205	1	1	0	0	2
HENRY	204	200	3	1	0	0	4
HIGHLAND	433	421	7	2	2	1	12
HOCKING	301	300	1	0	0	0	1
HOLMES	97	93	2	1	1	0	4
HURON	799	789	7	0	1	2	10
JACKSON	408	408	0	0	0	0	0
JEFFERSON	706	686	10	4	3	3	20
KNOX	244	238	4	0	2	0	6
LAKE	1,293	1,279	10	2	2	0	14
LAWRENCE	600	597	2	0	1	0	3
LICKING	902	887	10	3	0	2	15
LOGAN	205	198	4	2	0	1	7
LORAIN	3,150	3,069	42	25	5	9	81
LUCAS	4,882	4,514	237	77	30	24	368
MADISON	382	377	3	1	0	1	5
MAHONING	2,709	2,435	172	66	24	12	274
MARION	528	521	5	2	0	0	7
MEDINA	1,012	1,006	5	1	0	0	6
MEIGS	324	321	1	1	0	1	3
MERCER	92	92	0	0	0	0	0
MIAMI	594	584	8	0	0	2	10
MONROE	69	63	6	0	0	0	6
MONTGOMERY	3,817	3,754	34	14	5	10	63
MORGAN	211	197	10	3	1	0	14
MORROW	122	118	2	1	0	1	4
MUSKINGUM	1,748	1,680	49	11	4	4	68
NOBLE	86	81	3	1	1	0	5
OTTAWA	249	246	2	1	0	0	3
PAULDING	84	83	1	0	0	0	1
PERRY	517	513	1	2	1	0	4
PICKAWAY	276	276	0	0	0	0	0
PIKE	180	180	0	0	0	0	0

PORTAGE	851	845	6	0	0	0	6
PREBLE	221	217	3	1	0	0	4
PUTNAM	97	97	0	0	0	0	0
RICHLAND	1,549	1,505	16	12	8	8	44
ROSS	930	918	9	0	1	2	12
SANDUSKY	513	504	6	2	1	0	9
SCIOTO	555	544	8	2	0	1	11
SENECA	318	311	5	1	1	0	7
SHELBY	469	468	0	0	1	0	1
STARK	3,365	3,301	37	16	6	5	64
SUMMIT	7,545	7,385	89	29	16	26	160
TRUMBULL	1,078	1,054	17	4	2	1	24
TUSCARAWAS	690	678	7	2	0	3	12
UNION	119	119	0	0	0	0	0
VAN WERT	200	197	1	1	1	0	3
VINTON	185	185	0	0	0	0	0
WARREN	507	505	1	1	0	0	2
WASHINGTON	490	465	22	2	1	0	25
WAYNE	1,004	993	7	3	1	0	11
WILLIAMS	431	425	5	0	1	0	6
WOOD	537	535	2	0	0	0	2
WYANDOT	237	232	2	2	1	0	5
UNKNOWN	13	13	0	0	0	0	0
Total	110,319	104,650	3,518	1,202	492	457	5,669

For information concerning these statistics, please contact ODH's Childhood Lead Poisoning Prevention Program at (614) 728-6816.