



Childhood Lead Poisoning

The chart below presents data on Ohio children found to have high blood lead levels during calendar year 2001.

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 lead levels.

NOTES:

1. Chart contains 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 2001:

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	309	305	4	0	0	0	4
ALLEN	660	641	15	3	1	0	19
ASHLAND	260	258	1	0	0	1	2
ASHTABULA	531	515	7	4	4	1	16
ATHENS	647	643	4	0	0	0	4
AUGLAIZE	114	112	2	0	0	0	2
BELMONT	615	599	11	1	2	2	16
BROWN	306	302	2	0	1	1	4
BUTLER	887	876	5	2	1	3	11
CARROLL	110	109	1	0	0	0	1
CHAMPAIGN	342	336	6	0	0	0	6
CLARK	2,786	2,589	136	32	14	15	197
CLERMONT	795	779	9	3	3	1	16
CLINTON	225	223	2	0	0	0	2
COLUMBIANA	841	806	26	6	1	2	35
COSHOCTON	343	335	7	0	0	1	8
CRAWFORD	190	185	1	2	1	1	5
CUYAHOGA	23,789	20,029	2,284	836	354	286	3,760
DARKE	255	248	5	2	0	0	7
DEFIANCE	297	295	1	0	1	0	2

DELAWARE	189	189	0	0	0	0	0
ERIE	335	316	11	2	3	3	19
FAIRFIELD	782	775	4	2	0	1	7
FAYETTE	170	164	5	1	0	0	6
FRANKLIN	8,989	8,821	118	31	8	11	168
FULTON	166	163	1	2	0	0	3
GALLIA	522	515	5	1	1	0	7
GEAUGA	207	207	0	0	0	0	0
GREENE	592	586	4	1	1	0	6
GUERNSEY	354	352	2	0	0	0	2
HAMILTON	7,831	7,314	303	107	51	56	517
HANCOCK	65	64	1	0	0	0	1
HARDIN	234	230	2	2	0	0	4
HARRISON	133	130	3	0	0	0	3
HENRY	196	191	3	1	0	1	5
HIGHLAND	399	395	3	0	0	1	4
HOCKING	263	258	3	1	0	1	5
HOLMES	85	81	1	1	2	0	4
HURON	851	844	4	2	1	0	7
JACKSON	404	400	3	1	0	0	4
JEFFERSON	494	471	17	4	2	0	23
KNOX	275	267	4	1	1	2	8
LAKE	1,163	1,145	11	3	1	3	18
LAWRENCE	664	658	4	2	0	0	6
LICKING	639	632	6	1	0	0	7
LOGAN	238	233	3	1	1	0	5
LORAIN	3,269	3,194	45	20	5	5	75
LUCAS	5,082	4,661	259	94	42	26	421
MADISON	281	275	5	1	0	0	6
MAHONING	3,005	2,711	213	52	17	12	294
MARION	549	543	3	2	1	0	6
MEDINA	914	909	4	1	0	0	5
MEIGS	339	337	2	0	0	0	2
MERCER	81	79	2	0	0	0	2
MIAMI	438	423	8	6	0	1	15
MONROE	103	100	3	0	0	0	3
MONTGOMERY	2,849	2,791	29	16	3	10	58
MORGAN	183	178	5	0	0	0	5
MORROW	110	110	0	0	0	0	0
MUSKINGUM	1,531	1,461	49	11	3	7	70
NOBLE	94	92	2	0	0	0	2
OTTAWA	213	208	3	2	0	0	5
PAULDING	68	68	0	0	0	0	0
PERRY	552	546	2	4	0	0	6
PICKAWAY	283	278	3	0	0	2	5

PIKE	139	139	0	0	0	0	0
PORTAGE	768	764	2	1	1	0	4
PREBLE	258	257	1	0	0	0	1
PUTNAM	78	76	2	0	0	0	2
RICHLAND	1,047	1,004	14	18	6	5	43
ROSS	651	637	10	3	1	0	14
SANDUSKY	578	571	3	1	0	3	7
SCIOTO	467	457	3	4	0	3	10
SENECA	390	383	3	2	2	0	7
SHELBY	394	390	3	1	0	0	4
STARK	3,135	3,069	36	13	9	8	66
SUMMIT	7,367	7,241	72	25	19	10	126
TRUMBULL	971	959	10	2	0	0	12
TUSCARAWAS	455	449	6	0	0	0	6
UNION	57	57	0	0	0	0	0
VAN WERT	249	242	6	1	0	0	7
VINTON	190	188	2	0	0	0	2
WARREN	581	578	3	0	0	0	3
WASHINGTON	457	437	14	5	1	0	20
WAYNE	817	804	10	2	1	0	13
WILLIAMS	393	387	6	0	0	0	6
WOOD	480	478	1	1	0	0	2
WYANDOT	268	260	6	0	1	1	0
UNKNOWN	5	5	0	0	0	0	0
Total	100,681	94,382	3,900	1,346	567	486	6,299

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