



Childhood Lead Poisoning

The chart below presents data on Ohio children found to have high blood lead levels during calendar year 2003.

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 effects 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 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 2003:

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	357	347	6	3	0	1	10
ALLEN	860	843	13	3	0	1	17
ASHLAND	312	308	4	0	0	0	4

ASHTABULA	704	662	24	10	3	5	42
ATHENS	716	712	4	0	0	0	4
AUGLAIZE	169	168	1	0	0	0	1
BELMONT	666	653	10	1	0	2	13
BROWN	313	311	2	0	0	0	2
BUTLER	1,502	1,477	18	4	1	2	25
CARROLL	183	182	0	1	0	0	1
CHAMPAIGN	403	402	1	0	0	0	1
CLARK	2,794	2,659	93	25	8	9	135
CLERMONT	1,038	1,029	6	2	0	1	9
CLINTON	256	253	1	1	0	1	3
COLUMBIANA	986	966	16	4	0	0	20
COSHOCTON	373	365	4	1	1	2	8
CRAWFORD	355	351	3	1	0	0	4
CUYAHOGA	25,185	22,531	1,633	539	252	230	2,654
DARKE	342	340	2	0	0	0	2
DEFIANCE	345	343	1	1	0	0	2
DELAWARE	333	332	0	1	0	0	1
ERIE	394	370	19	2	2	1	24
FAIRFIELD	824	816	5	0	1	2	8
FAYETTE	287	280	4	1	1	1	7
FRANKLIN	11,520	11,387	83	24	15	11	133
FULTON	215	213	1	1	0	0	2
GALLIA	439	433	5	1	0	0	6
GEAUGA	368	368	0	0	0	0	0
GREENE	543	542	0	1	0	0	1
GUERNSEY	511	504	6	1	0	0	7
HAMILTON	9,416	9,033	191	108	40	44	383
HANCOCK	155	154	1	0	0	0	1
HARDIN	237	233	3	1	0	0	4
HARRISON	118	117	1	0	0	0	1
HENRY	209	207	1	0	0	1	2
HIGHLAND	436	434	1	0	1	0	2
HOCKING	301	300	1	0	0	0	1
HOLMES	103	100	3	0	0	0	3

HURON	1,023	1,009	8	4	2	0	14
JACKSON	376	376	0	0	0	0	0
JEFFERSON	436	416	12	6	1	1	20
KNOX	337	331	4	1	1	0	6
LAKE	1,320	1,303	12	3	1	1	17
LAWRENCE	565	563	2	0	0	0	2
LICKING	1,061	1,055	3	1	1	1	6
LOGAN	247	244	1	1	0	1	3
LORAIN	2,967	2,893	50	10	6	8	74
LUCAS	4,391	4,068	228	49	23	23	323
MADISON	433	432	1	0	0	0	1
MAHONING	2,897	2,702	146	38	6	5	195
MARION	639	627	6	3	3	0	12
MEDINA	1,094	1,086	6	0	1	1	8
MEIGS	277	272	3	1	1	0	5
MERCER	105	105	0	0	0	0	0
MIAMI	593	584	5	2	0	2	9
MONROE	88	86	1	0	0	1	2
MONTGOMERY	3,764	3,687	42	15	7	13	77
MORGAN	158	149	7	2	0	0	9
MORROW	173	167	6	0	0	0	6
MUSKINGUM	1,170	1,140	17	7	3	3	30
NOBLE	88	84	3	1	0	0	4
OTTAWA	263	257	5	1	0	0	6
PAULDING	120	119	1	0	0	0	1
PERRY	499	497	2	0	0	0	2
PICKAWAY	337	337	0	0	0	0	0
PIKE	238	237	0	0	0	1	1
PORTAGE	1,021	1,013	5	1	1	1	8
PREBLE	190	185	2	3	0	0	5
PUTNAM	98	98	0	0	0	0	0
RICHLAND	1,989	1,933	30	16	6	4	56
ROSS	932	913	17	2	0	0	19
SANDUSKY	526	520	4	2	0	0	6
SCIOTO	451	444	6	1	0	0	7

SENECA	439	427	9	2	0	1	12
SHELBY	495	487	7	0	1	0	8
STARK	3,892	3,834	34	14	3	7	58
SUMMIT	7,250	7,133	61	26	14	16	117
TRUMBULL	1,552	1,524	18	6	1	3	28
TUSCARAWAS	596	584	10	1	0	1	12
UNION	158	157	0	0	1	0	1
VAN WERT	181	180	1	0	0	0	1
VINTON	169	168	0	0	0	1	1
WARREN	589	586	3	0	0	0	3
WASHINGTON	538	504	29	5	0	0	34
WAYNE	864	854	8	2	0	0	10
WILLIAMS	483	480	3	0	0	0	3
WOOD	533	532	1	0	0	0	1
WYANDOT	276	272	2	0	2	0	4
UNKNOWN	1	1	0	0	0	0	0
Total	113,150	108,380	2,988	963	410	409	4,770

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