



# Childhood Lead Poisoning

Lead poisoning is Ohio's largest preventable environmental health threat to children. Very severe lead exposure in children (blood lead levels  $\geq 80$  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 2006:

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 ug/dL and over	Total EBLs
ADAMS	443	437	3	2	0	1	6
ALLEN	1,358	1,337	12	6	1	2	21
ASHLAND	462	460	2	0	0	0	2
ASHTABULA	853	835	9	4	3	2	18
ATHENS	660	657	2	0	1	0	3
AUGLAIZE	322	318	0	4	0	0	4
BELMONT	554	546	6	2	0	0	8
BROWN	394	385	8	0	0	1	9
BUTLER	2,813	2,796	10	5	2	0	17
CARROLL	149	147	2	0	0	0	2
CHAMPAIGN	514	511	1	1	1	0	3
CLARK	3,222	3,139	50	24	5	4	83
CLERMONT	1,185	1,181	4	0	0	0	4
CLINTON	311	306	4	1	0	0	5
COLUMBIANA	760	752	3	2	3	0	8
COSHOCTON	526	516	6	1	2	1	10
CRAWFORD	549	531	12	3	2	1	18
CUYAHOGA	22,312	20,994	830	279	98	111	1,318
DARKE	389	387	0	0	0	2	2
DEFIANCE	444	438	5	0	0	1	6
DELAWARE	627	627	0	0	0	0	0

ERIE	396	388	4	2	1	1	8
FAIRFIELD	1,110	1,102	5	3	0	0	8
FAYETTE	294	290	2	1	0	1	4
FRANKLIN	13,606	13,524	56	10	8	8	82
FULTON	443	441	1	0	1	0	2
GALLIA	487	486	1	0	0	0	1
GEAUGA	326	323	1	1	1	0	3
GREENE	872	868	2	1	1	0	4
GUERNSEY	527	525	1	1	0	0	2
HAMILTON	11,860	11,642	119	54	21	24	218
HANCOCK	239	237	1	0	1	0	2
HARDIN	353	353	0	0	0	0	0
HARRISON	173	167	3	1	2	0	6
HENRY	256	252	2	2	0	0	4
HIGHLAND	612	609	2	0	0	1	3
HOCKING	341	340	1	0	0	0	1
HOLMES	225	224	1	0	0	0	1
HURON	909	905	1	3	0	0	4
JACKSON	417	413	1	1	1	1	4
JEFFERSON	476	461	11	3	1	0	15
KNOX	521	520	0	0	1	0	1
LAKE	1,361	1,349	4	4	3	1	12
LAWRENCE	763	760	2	1	0	0	3
LICKING	1,879	1,865	8	3	2	1	14
LOGAN	406	402	2	0	2	0	4
LORAIN	3,099	3,063	19	10	6	1	36
LUCAS	6,170	5,930	158	56	21	5	240
MADISON	477	473	4	0	0	0	4
MAHONING	2,470	2,372	65	19	8	6	98
MARION	767	764	3	0	0	0	3
MEDINA	966	964	2	0	0	0	2
MEIGS	288	283	5	0	0	0	5
MERCER	236	234	1	1	0	0	2
MIAMI	788	779	7	1	1	0	9
MONROE	71	70	1	0	0	0	1
MONTGOMERY	5,167	5,116	36	6	5	4	51
MORGAN	171	170	1	0	0	0	1
MORROW	228	226	1	0	1	0	2
MUSKINGUM	1,742	1,714	21	4	2	1	28
NOBLE	135	132	1	0	2	0	3
OTTAWA	321	316	2	1	2	0	5
PAULDING	58	58	0	0	0	0	0
PERRY	514	509	3	2	0	0	5
PICKAWAY	533	531	2	0	0	0	2
PIKE	412	411	0	1	0	0	1
PORTAGE	905	899	4	1	0	1	6
PREBLE	236	235	1	0	0	0	1
PUTNAM	213	213	0	0	0	0	0
RICHLAND	2,032	2,008	14	8	1	1	24
ROSS	1,277	1,269	8	0	0	0	8

SANDUSKY	611	600	8	2	1	0	11
SCIOTO	568	557	8	2	1	0	11
SENECA	597	586	6	3	0	2	11
SHELBY	526	520	4	0	1	1	6
STARK	4,669	4,625	26	9	6	3	44
SUMMIT	7,272	7,172	64	18	7	11	100
TRUMBULL	1,790	1,774	7	7	1	1	16
TUSCARAWAS	771	759	6	2	2	2	12
UNION	139	138	0	1	0	0	1
VAN WERT	190	189	0	0	1	0	1
VINTON	222	219	1	0	0	2	3
WARREN	968	963	2	0	3	0	5
WASHINGTON	497	492	1	3	0	1	5
WAYNE	1,010	1,001	5	1	2	1	9
WILLIAMS	537	530	5	1	1	0	7
WOOD	1,273	1,264	3	4	0	2	9
WYANDOT	186	185	1	0	0	0	1
Total	128,801						2,742

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