



Childhood Lead Poisoning

The chart below presents data on Ohio children found to have high blood lead levels during calendar year 1999.

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 1999:

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	244	239	4	1	0	0	5
Allen	743	720	16	6	0	1	23
Ashland	180	179	1	0	0	0	1
Ashtabula	688	665	20	0	1	2	23
Athens	523	515	8	0	0	0	8
Auglaize	116	115	1	0	0	0	1
Belmont	430	419	8	2	1	0	11
Brown	308	302	5	0	0	1	6
Butler	1,302	1,291	5	3	2	1	11
Carroll	112	111	0	1	0	0	1
Champaign	302	296	6	0	0	0	6
Clark	2,268	2,069	135	39	12	13	199
Clermont	952	940	6	3	2	1	12
Clinton	191	186	4	0	0	1	5
Columbiana	893	844	29	11	5	4	49
Coshocton	173	169	2	1	1	0	4
Crawford	194	190	3	1	0	0	4
Cuyahoga	25,884	21,178	3,014	953	406	333	4,706
Darke	320	316	4	0	0	0	4
Defiance	153	152	0	0	0	1	1
Delaware	209	206	3	0	0	0	3

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
Erie	289	276	13	0	0	0	13
Fairfield	886	877	9	0	0	0	9
Fayette	171	167	4	0	0	0	4
Franklin	10,039	9,633	299	66	22	19	406
Fulton	186	183	1	1	0	1	3
Gallia	501	495	2	3	0	1	6
Geauga	174	171	1	1	0	1	3
Greene	836	828	3	4	1	0	8
Guernsey	496	490	5	0	0	1	6
Hamilton	9,312	8,752	332	135	58	35	560
Hancock	126	125	0	1	0	0	1
Hardin	222	220	1	1	0	0	2
Harrison	94	91	3	0	0	0	3
Henry	128	126	1	0	1	0	2
Highland	310	303	5	0	2	0	7
Hocking	206	202	3	1	0	0	4
Holmes	81	78	2	0	0	1	3
Huron	699	691	4	2	1	1	8
Jackson	364	362	2	0	0	0	2
Jefferson	520	499	16	2	2	1	21
Knox	259	254	4	1	0	0	5
Lake	1,149	1,136	9	2	2	0	13
Lawrence	540	531	7	1	0	1	9
Licking	847	821	18	4	3	1	26
Logan	279	276	3	0	0	0	3
Lorain	3,142	3,052	62	13	8	7	90
Lucas	5,785	5,124	408	139	76	38	661
Madison	282	282	0	0	0	0	0
Mahoning	2,292	1,941	239	80	21	11	351
Marion	620	614	2	3	1	0	6
Medina	840	829	7	3	0	1	11
Meigs	379	370	6	2	1	0	9
Mercer	65	65	0	0	0	0	0
Miami	531	514	10	4	3	0	17
Monroe	83	76	6	1	0	0	7
Montgomery	2,759	2,653	60	25	11	10	106
Morgan	187	177	9	1	0	0	10
Morrow	90	90	0	0	0	0	0
Muskingum	1,574	1,513	41	13	3	4	61
Noble	94	90	2	0	1	1	4
Ottawa	267	266	0	1	0	0	1
Paulding	65	61	1	3	0	0	4
Perry	503	491	8	4	0	0	12

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
Pickaway	333	329	4	0	0	0	4
Pike	155	152	3	0	0	0	3
Portage	800	785	14	0	1	0	15
Preble	189	185	2	0	1	1	4
Putnam	72	70	1	1	0	0	2
Richland	848	819	18	3	5	3	29
Ross	492	473	15	2	2	0	19
Sandusky	603	589	9	2	0	3	14
Scioto	497	483	9	4	0	1	14
Seneca	344	340	3	1	0	0	4
Shelby	290	283	2	2	2	1	7
Stark	2,853	2,754	55	24	7	13	99
Summit	7,023	6,828	99	59	22	15	195
Trumbull	845	826	14	4	0	1	19
Tuscarawas	379	366	12	0	1	0	13
Union	86	84	2	0	0	0	2
Van Wert	134	133	0	0	0	1	1
Vinton	192	191	1	0	0	0	1
Warren	564	556	5	0	1	2	8
Washington	499	436	49	10	2	2	63
Wayne	580	572	4	3	0	1	8
Williams	334	327	6	1	0	0	7
Wood	547	539	6	1	1	0	8
Wyandot	267	265	2	0	0	0	2
Unknown	261	255	4	2	0	0	6
Total	103,644	95,537	5,221	1,657	692	537	8,107

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