

# Ohio Department of Health

## Childhood Lead Poisoning

The chart below presents data on Ohio children found to have high blood lead levels during calendar year 2004.

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 effects on the central nervous system and kidneys. Blood lead levels as low as 10 ug/dL do not cause distinctive symptoms and 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 2004

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	340	338	2	0	0	0	2
ALLEN	971	957	8	4	1	1	14
ASHLAND	261	256	3	2	0	0	5
ASHTABULA	627	606	19	2	0	0	21
ATHENS	638	625	11	0	0	2	13
AUGLAIZE	179	178	1	0	0	0	1
BELMONT	514	493	14	4	3	0	21
BROWN	287	284	2	1	0	0	3
BUTLER	1535	1,524	5	3	0	3	11
CARROLL	111	109	1	1	0	0	2
CHAMPAIGN	439	436	3	0	0	0	3
CLARK	2568	2,431	97	24	8	8	137
CLERMONT	938	936	1	1	0	0	2
CLINTON	261	257	2	0	2	0	4
COLUMBIANA	690	666	19	3	0	2	24
COSHOCTON	369	362	3	3	1	0	7
CRAWFORD	314	307	7	0	0	0	7
CUYAHOGA	23102	21,128	1260	391	171	152	1,974
DARKE	324	322	0	1	0	1	2
DEFIANCE	315	313	2	0	0	0	2
DELAWARE	350	349	0	1	0	0	1
ERIE	364	353	8	1	2	0	11
FAIRFIELD	849	842	4	1	1	1	7
FAYETTE	268	266	1	1	0	0	2
FRANKLIN	11038	10,950	56	16	9	7	88
FULTON	358	357	1	0	0	0	1
GALLIA	357	357	0	0	0	0	0
GEAUGA	291	291	0	0	0	0	0
GREENE	518	518	0	0	0	0	0
GUERNSEY	450	443	3	2	1	1	7
HAMILTON	8211	7,980	124	54	26	27	231
HANCOCK	49	49	0	0	0	0	0
HARDIN	193	191	2	0	0	0	2
HARRISON	105	105	0	0	0	0	0
HENRY	240	236	4	0	0	0	4
HIGHLAND	409	407	0	1	1	0	2
HOCKING	288	285	3	0	0	0	3
HOLMES	133	131	0	1	1	0	2
HURON	835	823	8	2	0	2	12
JACKSON	284	283	1	0	0	0	1
JEFFERSON	449	435	11	3	0	0	14
KNOX	331	326	4	1	0	0	5
LAKE	1151	1,144	5	1	0	1	7
LAWRENCE	460	460	0	0	0	0	0
LICKING	1273	1,259	6	4	2	2	14
LOGAN	218	217	1	0	0	0	1
LORAIN	2771	2,727	30	4	5	5	44
LUCAS	4719	4,391	232	63	16	17	328
MADISON	481	480	0	1	0	0	1

MAHONING	2559	2,393	128	26	7	5	166
MARION	630	619	7	3	0	1	11
MEDINA	865	860	5	0	0	0	5
MEIGS	273	268	3	1	1	0	5
MERCER	112	112	0	0	0	0	0
MIAMI	545	540	2	1	1	1	5
MONROE	56	51	4	1	0	0	5
MONTGOMERY	3758	3,699	34	11	5	9	59
MORGAN	200	195	5	0	0	0	5
MORROW	123	121	1	1	0	0	2
MUSKINGUM	1494	1,449	31	9	1	4	45
NOBLE	112	108	4	0	0	0	4
OTTAWA	220	215	5	0	0	0	5
PAULDING	61	61	0	0	0	0	0
PERRY	551	545	3	1	0	2	6
PICKAWAY	385	384	1	0	0	0	1
PIKE	253	252	1	0	0	0	1
PORTAGE	605	601	2	2	0	0	4
PREBLE	210	208	1	1	0	0	2
PUTNAM	112	112	0	0	0	0	0
RICHLAND	1770	1,730	31	4	2	3	40
ROSS	781	776	3	1	1	0	5
SANDUSKY	454	447	4	1	0	2	7
SCIOTO	426	420	2	4	0	0	6
SENECA	415	410	5	0	0	0	5
SHELBY	402	400	2	0	0	0	2
STARK	3887	3,838	34	9	3	3	49
SUMMIT	6854	6,712	93	34	6	9	142
TRUMBULL	1256	1,245	9	2	0	0	11
TUSCARAWAS	628	618	7	3	0	0	10
UNION	69	69	0	0	0	0	0
VAN WERT	142	142	0	0	0	0	0
VINTON	333	328	2	2	0	1	5
WARREN	558	553	2	1	2	0	5
WASHINGTON	570	524	31	12	2	1	46
WAYNE	777	767	8	2	0	0	10
WILLIAMS	504	493	9	2	0	0	11
WOOD	569	561	6	1	0	1	8
WYANDOT	239	238	0	0	1	0	1
Total		102,247					3,737