

Blood Lead Testing Data

Exposure to lead can seriously harm a child's health and cause adverse health effects. Even low levels of lead in the blood have been shown to negatively affect a child's intelligence, ability to pay attention in school, and academic achievement. If children are exposed to lead, their blood lead levels (BLLs) tend to increase from birth to 24 months of age, and peak at ages 18-24 months. Identifying a child with an elevated BLL at 12 months of age and taking mitigating action may prevent additional increases in the BLL during ages 12-36 months. The Iowa Department of Public Health, Childhood Lead Poisoning Prevention Program's goal is to perform a blood lead test on 75% of children ages 12-36 months in the State of Iowa.

What is Iowa's Coverage for Lead Testing for Children?

During the year 2023, 74.49% of Iowa's children ages 12-24 months received a blood lead test, falling just shy of the state goal of 75%. Approximately 17% of Iowa's counties have 60% or less of their children ages 12-24 months receiving at least one blood lead test which is an increase of 6% from 2022. However, coverage for lead testing increased when looking at children ages 24-36 months. As of 2023, 41.77% of children ages 24-36 months received a blood lead test, which is up from 39.8% in 2022.

The Department has determined that each contractor must strive for a 5% increase in testing in each county of their CSA. Strategies to increase testing may include promotion, referrals and care coordination to medical homes in addition to direct care. The following table lists the number of children each county would need to test to meet the 5% increase goal.

Iowa CLPPP 2023 Data:

	# of Children Tested	Total # of Children	Percent Tested	Number of Children Tested to Achieve 5% increase in Testing	# of Children Tested	Total # of Children	Percent Tested	Number of Children Tested to Achieve 5% increase in Testing
	12 - 24 months				24 - 36 months			
STATE	29955	40212	74.49%	31453	16579	39688	41.77%	17408
Adair	61	73	83.56%	64	23	72	31.94%	24

Adams	35	40	87.50%	37	15	40	37.50%	16
Allamakee	160	156	102.56%	168	82	153	53.59%	86
Appanoose	88	122	72.13%	92	26	122	21.31%	27
Audubon	46	53	86.79%	48	29	53	54.72%	30
Benton	182	274	66.42%	191	122	272	44.85%	128
Black Hawk	1335	1570	85.03%	1402	1006	1552	64.82%	1056
Boone	261	269	97.03%	274	132	269	49.07%	139
Bremer	224	231	96.97%	235	203	226	89.82%	213
Buchanan	164	281	58.36%	172	109	278	39.21%	114
Buena Vista	293	265	110.57%	308	218	260	83.85%	229
Butler	141	168	83.93%	148	103	161	63.98%	108
Calhoun	74	116	63.79%	78	45	117	38.46%	47
Carroll	188	241	78.01%	197	168	238	70.59%	176
Cass	96	149	64.43%	101	21	151	13.91%	22
Cedar	140	203	68.97%	147	94	200	47.00%	99
Cerro Gordo	383	461	83.08%	402	327	454	72.03%	343
Cherokee	85	109	77.98%	89	34	109	31.19%	36
Chickasaw	121	139	87.05%	127	74	139	53.24%	78
Clarke	104	110	94.55%	109	60	109	55.05%	63
Clay	149	173	86.13%	156	79	175	45.14%	83
Clayton	133	180	73.89%	140	70	180	38.89%	74
Clinton	287	556	51.62%	301	171	554	30.87%	180
Crawford	161	209	77.03%	169	66	206	32.04%	69
Dallas	1298	1641	79.10%	1363	670	1606	41.72%	704
Davis	61	147	41.50%	64	19	145	13.10%	20
Decatur	34	90	37.78%	36	23	92	25.00%	24
Delaware	168	183	91.80%	176	53	179	29.61%	56
Des Moines	318	470	67.66%	334	217	467	46.47%	228
Dickinson	132	160	82.50%	139	31	160	19.38%	33
Dubuque	912	1257	72.55%	958	311	1253	24.82%	327
Emmet	94	94	100.00%	99	19	96	19.79%	20
Fayette	210	212	99.06%	221	127	205	61.95%	133
Floyd	87	158	55.06%	91	70	158	44.30%	74
Franklin	102	110	92.73%	107	50	112	44.64%	53
Fremont	34	72	47.22%	36	12	70	17.14%	13

Greene	69	105	65.71%	72	49	105	46.67%	51
Grundy	144	160	90.00%	151	97	159	61.01%	102
Guthrie	91	106	85.85%	96	40	107	37.38%	42
Hamilton	153	153	100.00%	161	108	150	72.00%	113
Hancock	108	117	92.31%	113	40	117	34.19%	42
Hardin	145	181	80.11%	152	54	181	29.83%	57
Harrison	83	156	53.21%	87	20	158	12.66%	21
Henry	185	207	89.37%	194	101	205	49.27%	106
Howard	94	123	76.42%	99	51	122	41.80%	54
Humboldt	101	113	89.38%	106	35	113	30.97%	37
Ida	52	103	50.49%	55	29	102	28.43%	30
Iowa	173	187	92.51%	182	103	183	56.28%	108
Jackson	175	172	101.74%	184	76	171	44.44%	80
Jasper	211	408	51.72%	222	96	410	23.41%	101
Jefferson	79	124	63.71%	83	26	125	20.80%	27
Johnson	1549	1938	79.93%	1626	1028	1901	54.08%	1079
Jones	176	212	83.02%	185	102	207	49.28%	107
Keokuk	83	105	79.05%	87	29	106	27.36%	30
Kossuth	148	170	87.06%	155	16	168	9.52%	17
Lee	295	363	81.27%	310	243	366	66.39%	255
Linn	2254	3066	73.52%	2367	1474	3022	48.78%	1548
Louisa	100	99	101.01%	105	68	99	68.69%	71
Lucas	76	88	86.36%	80	36	88	40.91%	38
Lyon	122	167	73.05%	128	29	170	17.06%	30
Madison	165	227	72.69%	173	65	228	28.51%	68
Mahaska	205	259	79.15%	215	49	256	19.14%	51
Marion	294	377	77.98%	309	74	377	19.63%	78
Marshall	452	597	75.71%	475	301	585	51.45%	316
Mills	106	151	70.20%	111	15	149	10.07%	16
Mitchell	91	128	71.09%	96	73	131	55.73%	77
Monona	58	84	69.05%	61	40	83	48.19%	42
Monroe	62	88	70.45%	65	27	88	30.68%	28
Montgomery	84	94	89.36%	88	24	92	26.09%	25
Muscatine	385	540	71.30%	404	266	526	50.57%	279
O'Brien	138	175	78.86%	145	28	177	15.82%	29

Osceola	57	56	101.79%	60	7	54	12.96%	7
Page	70	156	44.87%	74	15	158	9.49%	16
Palo Alto	83	89	93.26%	87	26	86	30.23%	27
Plymouth	249	277	89.89%	261	91	278	32.73%	96
Pocahontas	76	73	104.11%	80	37	71	52.11%	39
Polk	5614	7429	75.57%	5895	2705	7260	37.26%	2840
Pottawattamie	697	1248	55.85%	732	149	1239	12.03%	156
Poweshiek	148	192	77.08%	155	49	189	25.93%	51
Ringgold	27	51	52.94%	28	29	51	56.86%	30
Sac	101	107	94.39%	106	75	109	68.81%	79
Scott	1323	2235	59.19%	1389	1124	2187	51.39%	1180
Shelby	90	126	71.43%	95	42	126	33.33%	44
Sioux	431	506	85.18%	453	150	504	29.76%	158
Story	775	1014	76.43%	814	427	993	43.00%	448
Tama	177	168	105.36%	186	111	168	66.07%	117
Taylor	45	59	76.27%	47	27	58	46.55%	28
Union	89	160	55.63%	93	40	159	25.16%	42
Van Buren	35	98	35.71%	37	25	96	26.04%	26
Wapello	343	426	80.52%	360	217	423	51.30%	228
Warren	563	613	91.84%	591	202	612	33.01%	212
Washington	207	259	79.92%	217	172	255	67.45%	181
Wayne	27	84	32.14%	28	9	82	10.98%	9
Webster	334	467	71.52%	351	206	459	44.88%	216
Winnebago	81	114	71.05%	85	43	113	38.05%	45
Winneshiek	200	183	109.29%	210	61	186	32.80%	64
Woodbury	826	1723	47.94%	867	621	1702	36.49%	652
Worth	68	78	87.18%	71	57	76	75.00%	60
Wright	152	136	111.76%	160	71	134	52.99%	75