

Iowa Department of Public Health	2019 - Iowa Adult Blood Lead Data Adults Tested for Lead by County											
	County Name	Adults Tested	BLL 20+	BLL 10 to 19	BLL 5 to 9	BLL <5	% <5 BLL	5+ BLL Total	% 5+ BLL	< 10 BLL Total	% < 10 BLL	10+ BLL Total
ADAIR	7	0	1	1	5	71%	2	29%	6	86%	1	14%
ADAMS	5	0	2	0	3	60%	2	40%	3	60%	2	40%
ALLAMAKEE	8	0	0	0	8	100%	0	0%	8	100%	0	0%
APPANOOSE	52	17	12	7	16	31%	36	69%	23	44%	29	56%
AUDUBON	15	1	5	4	5	33%	10	67%	9	60%	6	40%
BENTON	41	0	2	4	35	85%	6	15%	39	95%	2	5%
BLACK HAWK	116	2	5	4	105	91%	11	9%	109	94%	7	6%
BOONE	37	0	0	0	37	100%	0	0%	37	100%	0	0%
BREMER	6	0	0	1	5	83%	1	17%	6	100%	0	0%
BUCHANAN	58	8	23	4	23	40%	35	60%	27	47%	31	53%
BUENA VISTA	5	0	0	1	4	80%	1	20%	5	100%	0	0%
BUTLER	3	0	0	1	2	67%	1	33%	3	100%	0	0%
CALHOUN	7	0	0	1	6	86%	1	14%	7	100%	0	0%
CARROLL	18	0	0	2	16	89%	2	11%	18	100%	0	0%
CASS	201	10	34	72	85	42%	116	58%	157	78%	44	22%
CEDAR	15	0	0	1	14	93%	1	7%	15	100%	0	0%
CERRO GORDO	35	0	0	0	35	100%	0	0%	35	100%	0	0%
CHEROKEE	3	0	0	0	3	100%	0	0%	3	100%	0	0%
CHICKASAW	3	0	0	0	3	100%	0	0%	3	100%	0	0%
CLARKE	2	0	0	0	2	100%	0	0%	2	100%	0	0%
CLAY	4	0	0	0	4	100%	0	0%	4	100%	0	0%
CLAYTON	48	12	18	8	10	21%	38	79%	18	38%	30	63%
CLINTON	80	1	2	5	72	90%	8	10%	77	96%	3	4%
CRAWFORD	4	0	0	0	4	100%	0	0%	4	100%	0	0%
DALLAS	52	0	0	4	48	92%	4	8%	52	100%	0	0%
DAVIS	4	0	1	1	2	50%	2	50%	3	75%	1	25%
DECATUR	14	1	5	3	5	36%	9	64%	8	57%	6	43%
DELAWARE	235	50	112	43	30	13%	205	87%	73	31%	162	69%
DES MOINES	32	1	0	3	28	88%	4	13%	31	97%	1	3%

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DICKINSON	9	0	0	2	7	78%	2	22%	9	100%	0	0%
DUBUQUE	220	15	61	49	95	43%	125	57%	144	65%	76	35%
EMMET	3	0	0	0	3	100%	0	0%	3	100%	0	0%
FAYETTE	25	4	8	4	9	36%	16	64%	13	52%	12	48%
FLOYD	4	0	0	1	3	75%	1	25%	4	100%	0	0%
FRANKLIN	5	0	0	1	4	80%	1	20%	5	100%	0	0%
FREMONT	13	1	2	1	9	69%	4	31%	10	77%	3	23%
GREENE	1	0	0	0	1	100%	0	0%	1	100%	0	0%
GRUNDY	7	0	0	0	7	100%	0	0%	7	100%	0	0%
GUTHRIE	12	0	0	1	11	92%	1	8%	12	100%	0	0%
HAMILTON	6	0	0	1	5	83%	1	17%	6	100%	0	0%
HANCOCK	12	0	1	0	11	92%	1	8%	11	92%	1	8%
HARDIN	13	0	1	0	12	92%	1	8%	12	92%	1	8%
HARRISON	6	0	0	1	5	83%	1	17%	6	100%	0	0%
HENRY	22	0	1	2	19	86%	3	14%	21	95%	1	5%
HOWARD	10	0	0	0	10	100%	0	0%	10	100%	0	0%
HUMBOLDT	2	0	0	0	2	100%	0	0%	2	100%	0	0%
IDA	3	0	0	0	3	100%	0	0%	3	100%	0	0%
IOWA	9	0	0	1	8	89%	1	11%	9	100%	0	0%
JACKSON	30	0	3	3	24	80%	6	20%	27	90%	3	10%
JASPER	26	0	0	0	26	100%	0	0%	26	100%	0	0%
JEFFERSON	87	3	6	11	67	77%	20	23%	78	90%	9	10%
JOHNSON	192	2	1	4	185	96%	7	4%	189	98%	3	2%
JONES	30	1	6	6	17	57%	13	43%	23	77%	7	23%
KEOKUK	14	2	1	3	8	57%	6	43%	11	79%	3	21%
KOSSUTH	2	0	0	0	2	100%	0	0%	2	100%	0	0%
LEE	33	0	0	2	31	94%	2	6%	33	100%	0	0%
LINN	370	12	19	31	308	83%	62	17%	339	92%	31	8%
LOUISA	12	0	1	0	11	92%	1	8%	11	92%	1	8%

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LUCAS	23	4	8	5	6	26%	17	74%	11	48%	12	52%
LYON	3	0	0	1	2	67%	1	33%	3	100%	0	0%
MADISON	9	0	0	1	8	89%	1	11%	9	100%	0	0%
MAHASKA	50	0	1	8	41	82%	9	18%	49	98%	1	2%
MARION	12	1	0	2	9	75%	3	25%	11	92%	1	8%
MARSHALL	22	1	4	4	13	59%	9	41%	17	77%	5	23%
MILLS	23	1	6	3	13	57%	10	43%	16	70%	7	30%
MITCHELL	3	0	0	0	3	100%	0	0%	3	100%	0	0%
MONONA	5	0	1	0	4	80%	1	20%	4	80%	1	20%
MONROE	5	0	0	1	4	80%	1	20%	5	100%	0	0%
MONTGOMERY	51	2	28	15	6	12%	45	88%	21	41%	30	59%
MUSCATINE	53	3	3	8	39	74%	14	26%	47	89%	6	11%
O' BRIEN	2	0	0	0	2	100%	0	0%	2	100%	0	0%
OSCEOLA	3	0	0	0	3	100%	0	0%	3	100%	0	0%
PAGE	23	0	12	4	7	30%	16	70%	11	48%	12	52%
PALO ALTO	2	0	0	0	2	100%	0	0%	2	100%	0	0%
PLYMOUTH	10	0	0	0	10	100%	0	0%	10	100%	0	0%
POCAHONTAS	8	0	1	0	7	88%	1	13%	7	88%	1	13%
POLK	429	1	10	21	397	93%	32	7%	418	97%	11	3%
POTTAWATTAMIE	56	1	10	4	41	73%	15	27%	45	80%	11	20%
POWESHIEK	12	0	0	1	11	92%	1	8%	12	100%	0	0%
RINGGOLD	3	0	0	1	2	67%	1	33%	3	100%	0	0%
SAC	5	1	0	0	4	80%	1	20%	4	80%	1	20%
SCOTT	434	4	19	44	367	85%	67	15%	411	95%	23	5%
SHELBY	12	0	0	1	11	92%	1	8%	12	100%	0	0%
SIoux	12	0	0	0	12	100%	0	0%	12	100%	0	0%
STORY	67	1	3	2	61	91%	6	9%	63	94%	4	6%
TAMA	9	0	0	0	9	100%	0	0%	9	100%	0	0%
TAYLOR	2	0	0	0	2	100%	0	0%	2	100%	0	0%

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UNION	7	0	0	1	6	86%	1	14%	7	100%	0	0%
VAN BUREN	6	0	1	1	4	67%	2	33%	5	83%	1	17%
WAPELLO	56	3	5	5	43	77%	13	23%	48	86%	8	14%
WARREN	32	1	3	3	25	78%	7	22%	28	88%	4	13%
WASHINGTON	26	0	1	1	24	92%	2	8%	25	96%	1	4%
WAYNE	144	28	72	29	15	10%	129	90%	44	31%	100	69%
WEBSTER	14	0	0	1	13	93%	1	7%	14	100%	0	0%
WINNEBAGO	6	0	0	0	6	100%	0	0%	6	100%	0	0%
WINNESHIEK	14	0	0	2	12	86%	2	14%	14	100%	0	0%
WOODBURY	47	6	4	4	33	70%	14	30%	37	79%	10	21%
WORTH	6	0	0	0	6	100%	0	0%	6	100%	0	0%
WRIGHT	6	0	0	0	6	100%	0	0%	6	100%	0	0%
STATE TOTALS	4000	201	525	467	2807	70%	1193	30%	3274	82%	726	18%

Data and inclusion criteria:

- 1) The person tested was an Iowa resident at the time of the test based on the reported address.
- 2) The person tested was 16 years of age or older at the time of the test.
- 3) Only the highest test result in the calendar year for each person was used in analysis, unless the highest test was a capillary specimen that was then confirmed with a test using a venous specimen and the venous test result was lower. Adults should always be tested using venous specimens if at all possible.
- 4) Results are grouped by ranges of Blood Lead Level (BLL) results, which are given in micrograms per deciliter (mcg/dL).
- 5) As of December 2015, a BLL of 5 mcg/dL or higher has been used as the reference level for a test to be considered an elevated blood lead level (EBL) by public health standards for adults in Iowa. Prior to December 2015, the public health EBL reference level for Iowa adults was 10 mcg/dL or higher. Regulatory standards under OSHA currently allow much higher exposures. See "NIOSH Chart of Blood Lead Level References for Adults in the US" posted at <http://idph.iowa.gov/Environmental-Health-Services/Occupational-Health-and-Safety-Surveillance/Adult-Blood-Lead-Epidemiology>. Numbers and percentages are shown at both reference levels.