



**2018 - 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	% 10+ BLL
ADAIR	6	1	1	1	3	50%	3	50%	4	67%	2	33%
ADAMS	8	0	2	2	4	50%	4	50%	6	75%	2	25%
ALLAMAKEE	12	0	2	0	10	83%	2	17%	10	83%	2	17%
APPANOOSE	58	17	17	9	15	26%	43	74%	24	41%	34	59%
AUDUBON	12	1	2	3	6	50%	6	50%	9	75%	3	25%
BENTON	36	0	1	2	33	92%	3	8%	35	97%	1	3%
BLACK HAWK	107	6	4	6	91	85%	16	15%	97	91%	10	9%
BOONE	16	0	0	1	15	94%	1	6%	16	100%	0	0%
BREMER	14	0	0	2	12	86%	2	14%	14	100%	0	0%
BUCHANAN	61	22	13	6	20	33%	41	67%	26	43%	35	57%
BUENA VISTA	0	0	0	0	0	0%	0	0%	0	0%	0	0%
BUTLER	6	0	1	1	4	67%	2	33%	5	83%	1	17%
CALHOUN	8	0	0	1	7	88%	1	13%	8	100%	0	0%
CARROLL	10	0	1	1	8	80%	2	20%	9	90%	1	10%
CASS	78	3	15	25	35	45%	43	55%	60	77%	18	23%
CEDAR	10	0	0	1	9	90%	1	10%	10	100%	0	0%
CERRO GORDO	47	0	0	0	47	100%	0	0%	47	100%	0	0%
CHEROKEE	1	0	0	0	1	100%	0	0%	1	100%	0	0%
CHICKASAW	4	0	0	0	4	100%	0	0%	4	100%	0	0%
CLARKE	8	0	1	1	7	88%	2	25%	8	100%	1	13%
CLAY	10	0	2	1	7	70%	3	30%	8	80%	2	20%
CLAYTON	64	20	16	5	23	36%	41	64%	28	44%	36	56%
CLINTON	76	0	2	4	70	92%	6	8%	74	97%	2	3%
CRAWFORD	6	0	0	0	6	100%	0	0%	6	100%	0	0%
DALLAS	36	0	0	1	35	97%	1	3%	36	100%	0	0%
DAVIS	8	1	1	1	6	75%	3	38%	7	88%	2	25%
DECATUR	17	3	7	3	4	24%	13	76%	7	41%	10	59%
DELAWARE	255	104	97	26	28	11%	227	89%	54	21%	201	79%



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DES MOINES	48	0	2	1	45	94%	3	6%	46	96%	2	4%
DICKINSON	12	3	1	1	7	58%	5	42%	8	67%	4	33%
DUBUQUE	215	30	75	33	77	36%	138	64%	110	51%	105	49%
EMMET	7	0	0	0	7	100%	0	0%	7	100%	0	0%
FAYETTE	36	7	8	6	15	42%	21	58%	21	58%	15	42%
FLOYD	1	0	0	0	1	100%	0	0%	1	100%	0	0%
FRANKLIN	7	0	0	1	6	86%	1	14%	7	100%	0	0%
FREMONT	7	0	1	1	5	71%	2	29%	6	86%	1	14%
GREENE	6	1	0	1	5	83%	2	33%	6	100%	1	17%
GRUNDY	6	0	0	0	6	100%	0	0%	6	100%	0	0%
GUTHRIE	9	0	1	1	8	89%	2	22%	9	100%	1	11%
HAMILTON	10	0	0	2	8	80%	2	20%	10	100%	0	0%
HANCOCK	8	0	0	0	8	100%	0	0%	8	100%	0	0%
HARDIN	10	1	0	0	9	90%	1	10%	9	90%	1	10%
HARRISON	2	0	0	0	2	100%	0	0%	2	100%	0	0%
HENRY	18	0	2	0	16	89%	2	11%	16	89%	2	11%
HOWARD	7	0	0	1	6	86%	1	14%	7	100%	0	0%
HUMBOLDT	4	2	0	0	2	50%	2	50%	2	50%	2	50%
IDA	5	0	0	0	5	100%	0	0%	5	100%	0	0%
IOWA	11	0	0	1	10	91%	1	9%	11	100%	0	0%
JACKSON	24	1	3	4	16	67%	8	33%	20	83%	4	17%
JASPER	38	0	2	2	34	89%	4	11%	36	95%	2	5%
JEFFERSON	96	1	7	13	75	78%	21	22%	88	92%	8	8%
JOHNSON	150	2	4	2	142	95%	8	5%	144	96%	6	4%
JONES	29	2	4	4	19	66%	10	34%	23	79%	6	21%
KEOKUK	17	2	0	3	12	71%	5	29%	15	88%	2	12%
KOSSUTH	11	0	2	0	9	82%	2	18%	9	82%	2	18%
LEE	50	0	1	2	47	94%	3	6%	49	98%	1	2%



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LINN	388	17	22	26	323	83%	65	17%	349	90%	39	10%
LOUISA	12	0	1	1	10	83%	2	17%	11	92%	1	8%
LUCAS	23	5	8	3	7	30%	16	70%	10	43%	13	57%
LYON	3	0	1	0	2	67%	1	33%	2	67%	1	33%
MADISON	5	0	0	0	5	100%	0	0%	5	100%	0	0%
MAHASKA	44	1	0	6	37	84%	7	16%	43	98%	1	2%
MARION	20	0	1	2	17	85%	3	15%	19	95%	1	5%
MARSHALL	22	0	1	2	19	86%	3	14%	21	95%	1	5%
MILLS	12	1	4	3	4	33%	8	67%	7	58%	5	42%
MITCHELL	6	0	0	0	6	100%	0	0%	6	100%	0	0%
MONONA	2	0	0	0	2	100%	0	0%	2	100%	0	0%
MONROE	7	0	0	1	6	86%	1	14%	7	100%	0	0%
MONTGOMERY	55	0	29	14	12	22%	43	78%	26	47%	29	53%
MUSCATINE	51	0	2	8	41	80%	10	20%	49	96%	2	4%
O' BRIEN	4	0	0	0	4	100%	0	0%	4	100%	0	0%
OSCEOLA	6	0	0	0	6	100%	0	0%	6	100%	0	0%
PAGE	29	0	20	2	7	24%	22	76%	9	31%	20	69%
PALO ALTO	3	0	0	0	3	100%	0	0%	3	100%	0	0%
PLYMOUTH	9	0	0	0	9	100%	0	0%	9	100%	0	0%
POCAHONTAS	6	0	1	1	5	83%	2	33%	6	100%	1	17%
POLK	370	1	10	11	348	94%	22	6%	359	97%	11	3%
POTTAWATTAMIE	25	0	2	4	19	76%	6	24%	23	92%	2	8%
POWESHIEK	10	0	0	1	9	90%	1	10%	10	100%	0	0%
RINGGOLD	4	0	0	0	4	100%	0	0%	4	100%	0	0%
SAC	3	0	0	0	3	100%	0	0%	3	100%	0	0%
SCOTT	359	6	15	30	308	86%	51	14%	338	94%	21	6%
SHELBY	1	0	0	0	1	100%	0	0%	1	100%	0	0%
SIOUX	17	0	0	1	16	94%	1	6%	17	100%	0	0%



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STORY	42	0	3	3	36	86%	6	14%	39	93%	3	7%
TAMA	14	0	0	0	14	100%	0	0%	14	100%	0	0%
TAYLOR	2	0	0	0	2	100%	0	0%	2	100%	0	0%
UNION	7	0	0	0	7	100%	0	0%	7	100%	0	0%
VAN BUREN	6	1	0	0	5	83%	1	17%	5	83%	1	17%
WAPELLO	55	2	5	9	39	71%	16	29%	48	87%	7	13%
WARREN	48	1	1	1	45	94%	3	6%	46	96%	2	4%
WASHINGTON	20	0	2	1	17	85%	3	15%	18	90%	2	10%
WAYNE	131	42	56	24	9	7%	122	93%	33	25%	98	75%
WEBSTER	16	0	1	0	15	94%	1	6%	15	94%	1	6%
WINNEBAGO	9	0	0	0	9	100%	0	0%	9	100%	0	0%
WINNESHIEK	13	0	2	1	11	85%	3	23%	12	92%	2	15%
WOODBURY	41	5	3	8	25	61%	16	39%	33	80%	8	20%
WORTH	4	0	0	0	4	100%	0	0%	4	100%	0	0%
WRIGHT	3	0	0	0	3	100%	0	0%	3	100%	0	0%
<b>STATE TOTALS</b>	<b>3725</b>	<b>312</b>	<b>488</b>	<b>339</b>	<b>2586</b>	<b>69%</b>	<b>1139</b>	<b>31%</b>	<b>2925</b>	<b>79%</b>	<b>800</b>	<b>21%</b>

**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.

