

Iowa Department of Public Health	IDPH IOWA Department of PUBLIC HEALTH	2020 - 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
ADAIR	5	0	0	1	4	80%	1	20%	5	100%	0	0%
ADAMS	8	0	1	3	4	50%	4	50%	7	88%	1	13%
ALLAMAKEE	4	0	0	1	3	75%	1	25%	4	100%	0	0%
APPANOOSE	48	5	14	12	17	35%	31	65%	29	60%	19	40%
AUDUBON	21	1	1	5	14	67%	7	33%	19	90%	2	10%
BENTON	13	0	0	1	12	92%	1	8%	13	100%	0	0%
BLACK HAWK	72	0	3	0	69	96%	3	4%	69	96%	3	4%
BOONE	13	0	0	1	12	92%	1	8%	13	100%	0	0%
BREMER	12	0	0	1	11	92%	1	8%	12	100%	0	0%
BUCHANAN	58	2	20	16	20	34%	38	66%	36	62%	22	38%
BUENA VISTA	8	0	0	0	8	100%	0	0%	8	100%	0	0%
BUTLER	8	0	1	1	6	75%	2	25%	7	88%	1	13%
CALHOUN	10	0	2	1	7	70%	3	30%	8	80%	2	20%
CARROLL	7	0	0	0	7	100%	0	0%	7	100%	0	0%
CASS	140	1	24	43	72	51%	68	49%	115	82%	25	18%
CEDAR	17	1	0	0	16	94%	1	6%	16	94%	1	6%
CERRO GORDO	90	0	1	0	89	99%	1	1%	89	99%	1	1%
CHEROKEE	2	0	0	0	2	100%	0	0%	2	100%	0	0%
CHICKASAW	6	0	0	2	4	67%	2	33%	6	100%	0	0%
CLARKE	1	0	0	0	1	100%	0	0%	1	100%	0	0%
CLAY	4	0	0	1	3	75%	1	25%	4	100%	0	0%
CLAYTON	47	3	12	18	14	30%	33	70%	32	68%	15	32%
CLINTON	45	0	1	5	39	87%	6	13%	44	98%	1	2%
CRAWFORD	4	0	0	0	4	100%	0	0%	4	100%	0	0%
DALLAS	48	0	0	3	45	94%	3	6%	48	100%	0	0%
DAVIS	8	0	2	0	6	75%	2	25%	6	75%	2	25%
DECATUR	22	1	7	2	12	55%	10	45%	14	64%	8	36%
DELAWARE	192	8	88	60	36	19%	156	81%	96	50%	96	50%
DES MOINES	28	1	0	4	23	82%	5	18%	27	96%	1	4%

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DICKINSON	7	1	0	1	5	71%	2	29%	6	86%	1	14%
DUBUQUE	150	7	29	34	80	53%	70	47%	114	76%	36	24%
EMMET	4	0	0	0	4	100%	0	0%	4	100%	0	0%
FAYETTE	23	0	10	4	9	39%	14	61%	13	57%	10	43%
FLOYD	10	0	1	0	9	90%	1	10%	9	90%	1	10%
FRANKLIN	8	0	0	0	8	100%	0	0%	8	100%	0	0%
FREMONT	4	0	2	1	1	25%	3	75%	2	50%	2	50%
GREENE	4	1	0	0	3	75%	1	25%	3	75%	1	25%
GRUNDY	4	0	0	0	4	100%	0	0%	4	100%	0	0%
GUTHRIE	5	0	0	0	5	100%	0	0%	5	100%	0	0%
HAMILTON	1	0	0	0	1	100%	0	0%	1	100%	0	0%
HANCOCK	69	0	0	0	69	100%	0	0%	69	100%	0	0%
HARDIN	8	0	0	1	7	88%	1	13%	8	100%	0	0%
HARRISON	4	0	0	2	2	50%	2	50%	4	100%	0	0%
HENRY	15	2	2	2	9	60%	6	40%	11	73%	4	27%
HOWARD	9	0	0	0	9	100%	0	0%	9	100%	0	0%
HUMBOLDT	0	0	0	0	0	0%	0	0%	0	0%	0	0%
IDA	0	0	0	0	0	0%	0	0%	0	0%	0	0%
IOWA	7	0	0	0	7	100%	0	0%	7	100%	0	0%
JACKSON	16	0	0	2	14	88%	2	13%	16	100%	0	0%
JASPER	11	0	0	1	10	91%	1	9%	11	100%	0	0%
JEFFERSON	77	3	3	9	62	81%	15	19%	71	92%	6	8%
JOHNSON	102	0	0	4	98	96%	4	4%	102	100%	0	0%
JONES	18	0	3	2	13	72%	5	28%	15	83%	3	17%
KEOKUK	14	2	1	1	10	71%	4	29%	11	79%	3	21%
KOSSUTH	8	0	0	0	8	100%	0	0%	8	100%	0	0%
LEE	33	0	0	2	31	94%	2	6%	33	100%	0	0%
LINN	202	1	11	14	176	87%	26	13%	190	94%	12	6%
LOUISA	4	0	0	2	2	50%	2	50%	4	100%	0	0%

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LUCAS	25	0	8	8	9	36%	16	64%	17	68%	8	32%
LYON	3	0	0	0	3	100%	0	0%	3	100%	0	0%
MADISON	8	0	0	0	8	100%	0	0%	8	100%	0	0%
MAHASKA	47	0	0	0	47	100%	0	0%	47	100%	0	0%
MARION	12	0	0	0	12	100%	0	0%	12	100%	0	0%
MARSHALL	24	2	1	3	18	75%	6	25%	21	88%	3	13%
MILLS	17	0	0	4	13	76%	4	24%	17	100%	0	0%
MITCHELL	6	0	0	0	6	100%	0	0%	6	100%	0	0%
MONONA	2	0	0	1	1	50%	1	50%	2	100%	0	0%
MONROE	8	0	0	1	7	88%	1	13%	8	100%	0	0%
MONTGOMERY	63	0	6	37	20	32%	43	68%	57	90%	6	10%
MUSCATINE	48	2	1	7	38	79%	10	21%	45	94%	3	6%
O' BRIEN	1	0	0	0	1	100%	0	0%	1	100%	0	0%
OSCEOLA	0	0	0	0	0	0%	0	0%	0	0%	0	0%
PAGE	22	0	1	14	7	32%	15	68%	21	95%	1	5%
PALO ALTO	9	0	0	0	9	100%	0	0%	9	100%	0	0%
PLYMOUTH	7	0	0	0	7	100%	0	0%	7	100%	0	0%
POCAHONTAS	4	0	0	0	4	100%	0	0%	4	100%	0	0%
POLK	308	1	3	14	290	94%	18	6%	304	99%	4	1%
POTTAWATTAMIE	26	0	1	5	20	77%	6	23%	25	96%	1	4%
POWESHIEK	9	0	0	0	9	100%	0	0%	9	100%	0	0%
RINGGOLD	3	0	1	0	2	67%	1	33%	2	67%	1	33%
SAC	3	0	0	0	3	100%	0	0%	3	100%	0	0%
SCOTT	361	1	11	24	325	90%	36	10%	349	97%	12	3%
SHELBY	4	0	0	1	3	75%	1	25%	4	100%	0	0%
SIoux	6	0	0	0	6	100%	0	0%	6	100%	0	0%
STORY	43	0	2	5	36	84%	7	16%	41	95%	2	5%
TAMA	4	0	0	1	3	75%	1	25%	4	100%	0	0%
TAYLOR	4	0	0	1	3	75%	1	25%	4	100%	0	0%

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UNION	11	0	0	0	11	100%	0	0%	11	100%	0	0%
VAN BUREN	12	0	1	2	9	75%	3	25%	11	92%	1	8%
WAPELLO	57	1	2	4	50	88%	7	12%	54	95%	3	5%
WARREN	31	0	3	1	27	87%	4	13%	28	90%	3	10%
WASHINGTON	14	1	0	2	11	79%	3	21%	13	93%	1	7%
WAYNE	159	13	74	41	31	19%	128	81%	72	45%	87	55%
WEBSTER	13	0	0	0	13	100%	0	0%	13	100%	0	0%
WINNEBAGO	24	0	0	0	24	100%	0	0%	24	100%	0	0%
WINNESHIEK	9	1	0	0	8	89%	1	11%	8	89%	1	11%
WOODBURY	34	0	5	3	26	76%	8	24%	29	85%	5	15%
WORTH	9	0	2	0	7	78%	2	22%	7	78%	2	22%
WRIGHT	5	0	0	0	5	100%	0	0%	5	100%	0	0%
STATE TOTALS	3213	62	361	442	2348	73%	865	27%	2790	87%	423	13%

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 venous test result in the calendar year for each person was used in analysis, unless there was only capillary specimens reported. Adults should always be tested using venous specimens if at all possible.
- 4) Results are grouped by ranges of Blood Lead Level (BLL) results, shown in micrograms per deciliter (mcg/dL). Percentages are of total tests by county for the BLL range given.
- 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. Numbers and percentages are shown at both reference levels. Regulatory standards under OSHA currently allow much higher exposures. See the NIOSH Chart "Regulations Versus Recommendations Related to Adult Lead Exposure in the Workplace" at www.cdc.gov/niosh/topics/ables/ReferenceBloodLevelsforAdults.html.

